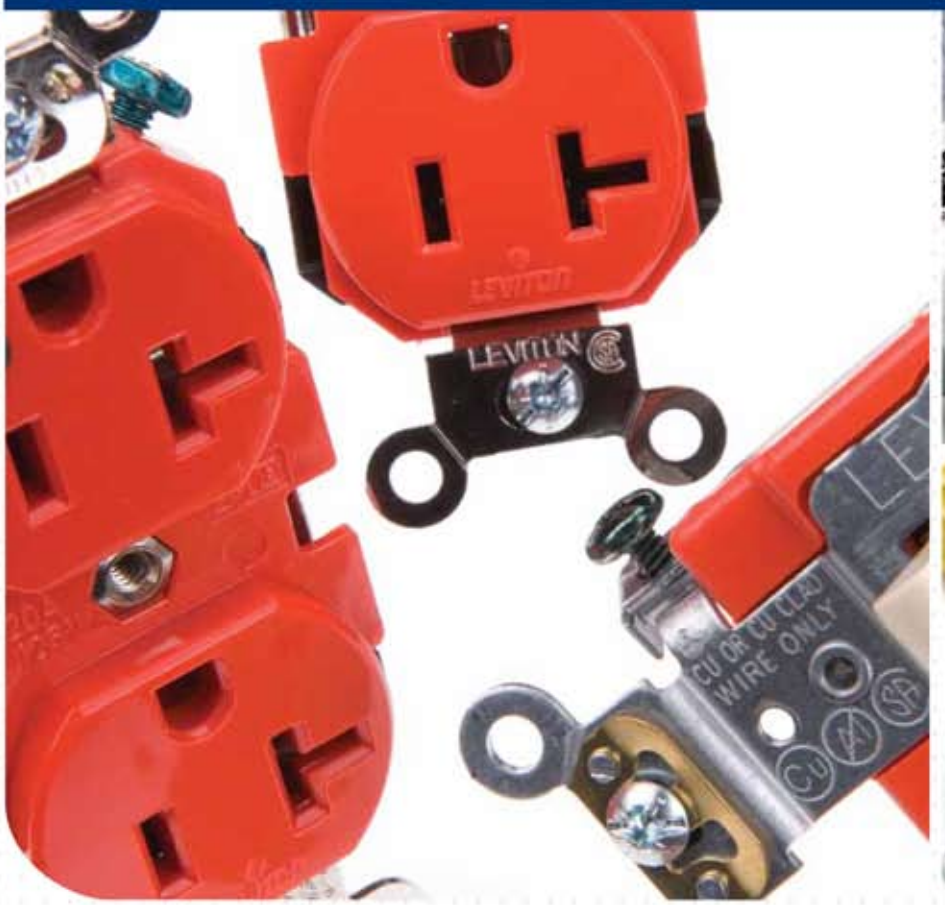
THE FUTURE IS ON

LEVITON

IPD 2.07

Industrial Wiring Devices

For Industrial, Commercial and OEM Applications



LEVITON

Quality Policy

Leviton Manufacturing Company, Inc.
is committed to continuous quality improvement, consistently delivering products that meet expectations of quality performance and ease of use for the customers and markets we serve.

This commitment is supported by the contributions and objectives of every individual throughout the company, in every department, organization and business unit.

Donald J. Hendler
President and CEO

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Quick Reference Guide

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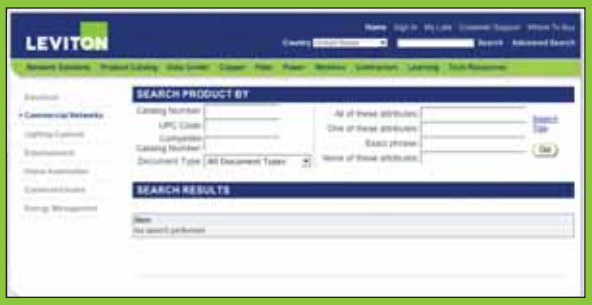
LEVITON

Access Everything Leviton

On our new easy-to-use website

Your portal to the wide world of Leviton

Easily access all product lines



State-of-the-art search engine

Drill through the Product Catalog

- Pull-down menus link to our complete product catalog
- Powerful, user-friendly search capability
- New Distribution, OEM and Retail sections target your market
- Clean, modern and easy to navigate design
- Browse product families without visiting multiple websites

www.leviton.com
Everything at your fingertips, from our database-driven product catalog to news, services and customer support.

A
SECTION

AC Switches

Switch Types

LEVITON

Industrial Grade

HEAVY DUTY

AC Control with Toggle Actuator
- 15, 20 & 30 Amp
- 120/277V AC
- SP, DP, 3-way, 4-way
- UL/Fed Spec/CSA
- Single-Piece Integrated Grounding System
- Back or Side-Wired Grounding Terminal

1201-2W

PAGE A3

LOCKING

AC Control with Keyed Actuator
- 15, 20 & 30 Amp
- 120/277V AC
- SP, DP, 3-way, 4-way
- UL/Fed Spec/CSA
- Single-Piece Integrated Grounding System

1224-2WL

PAGES A3, A6 & A8

KEY LOCK

AC Control with Key Lock Actuator
- 20 Amp
- 120/277V AC
- SP, DP, 3-way, 4-way
- Key Removable in ON or OFF Positions
- UL/Fed Spec/ CSA/NOM

1222-2KL

PAGE A7

PILOT LIGHT

AC Control with Power Status Toggle ILLUMINATED= LOAD ON
- 15, 20 & 30 Amp
- 120V AC or 277V AC
- SP, DP, 3-way,4-way
- UL/Fed Spec/CSA
- Toggle Colors: Clear, Red, Green
- Single-Piece Integrated Grounding System
- Requires a Neutral

1201-PLG

PAGE A5

LIGHTED HANDLE

AC Control with Power Status Toggle ILLUMINATED= LOAD OFF
- 15, 20 & 30 Amp
- 120V AC or 277V AC
- SP, 3-way
- UL/Fed Spec/CSA
- Toggle Colors: Clear, Ivory, White
- Single-Piece Integrated Grounding System

3031-LHI

PAGES A5

MAINTAINED & MOMENTARY

AC Control with Positive Contact Actuation
- 15, 20 & 30 Amp
- 120/277V AC
- SP or DP Double Throw Maintained
- SP Double Throw Momentary
- UL/CSA
- Toggle or Locking

1281

PAGE A6

MOTOR STARTER SWITCHES

AC Control for Single-Phase or Three-Phase Motor Loads
- 30, 40 & 60 Amp
- 120V AC through 600V AC
- Max HP Rating: 20HP 600V AC
- Available as Open Switch or with NEMA 1 or 3R Enclosure
- UL/CSA/NOM

MS403

PAGE A9–A12

DISCONNECT SWITCHES

AC Control for Horsepower Rated Motor Loads
- NEMA 3R, 4X, 12K
- 30-100 Amp 600 V AC
- Max. Horsepower Rating: 1-50 HP 600V AC
- Fused and Non-Fused
- IP65, UL98, UL 508

DS60-FAX

PAGES A13–A18, J22–J28

MECHANICAL INTERLOCKS

AC Control with Integral IEC Receptacle
- NEMA 3R, 4, 4X
- IP66 & 67
- 20, 30, 60 &100 Amp
- Lockout Actuator

420MF9W

PAGE J9–J14

Commercial Grade

OCCUPANCY SENSOR

AC Control with Automatic Switching
- 120/277V AC
- Self-Adaptive Technology
- Multi-Technology
- SP
- Incandescent and Fluorescent Load Rating
- Fluorescent (Magnetic or Electronic Ballast)
- UL and cUL listed, CEC Title 24 Compliant, FCC Compliant
- Decora® Style Design

OSSMT-MDW

SECTION N

COMMERCIAL DUTY

AC Control with Toggle Actuator
- 15, 20 & 30 Amp
- 120/277V AC
- SP, DP, 3-way, 4-way
- UL/Fed Spec/CSA

CSB3-20

PAGES A19–A22

DECORA PLUS™

Decora Plus™
AC Control with "DECORA" Rocker Actuator
- 15 & 20 Amp
- 120/277V AC
- Horsepower Rated
- SP, DP, 3-way, 4-way
- UL/Fed Spec/CSA
- Single-Piece Integrated Grounding System

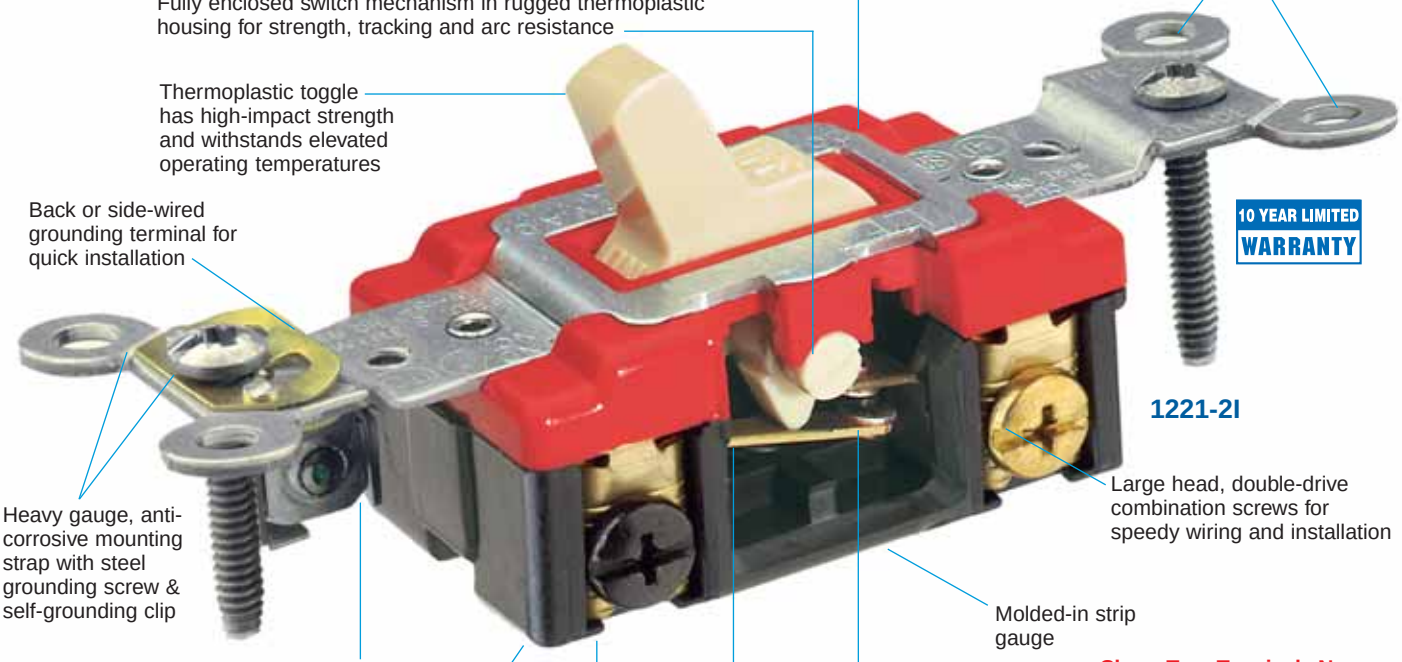
5691-2A

PAGE A25–A27, G1–G3

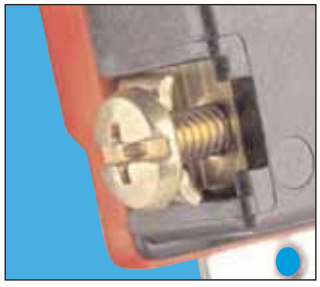
To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

AC Switch Features

UL 20 Listed
Federal Specification WS-896E Listed
CSA Specification C22.2 No. 111 Certified

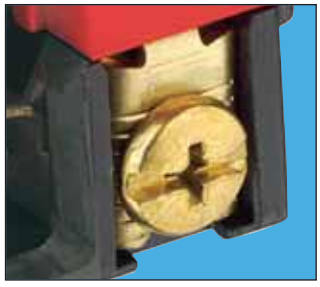


Clamp Type Terminals Now Appear on the Following Single Pole and 3-way Switches:
1201, 1202-PI, 1221, 1222-PL, 1222-7P, 18201, 18221, CSB1, 1203, 1223, 18203, 18223, & CSB3 Series of Switches

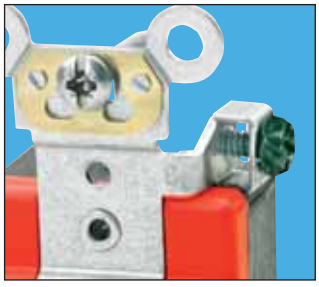


New external clamp type termination for back and side wiring

High-performance silver-cadmium oxide contacts minimize wear and erosion.



High-conductive brass terminal screws improve current flow.



Back or side-wired grounding terminal offers wiring flexibility

COMPONENT	DESCRIPTION
Strap	.048" Thick Galvanized Steel
Base	Thermoplastic
Toggle	Thermoplastic
Toggle (lighted handle & pilot light)	Polycarbonate
Cover	Thermoset
Dome (locking switch)	Nylon
Contacts	.031" Thick Silver-Cadmium Oxide
Terminal Screws	#8–32 Brass Slotted; Undercut Binding Head Design
Assembly	Two Rolled Eyelets

COLOR CODING SYSTEM

15 AMP	20 AMP	30 AMP

STANDARDS & CERTIFICATIONS

NEMA WD1&WD6	ANSI C-73	UL 20	UL Fed Spec Listed WS896E	CSA C22.2 No.111	NOM
✓	✓	#E7458	#E7458	#152105	#057

SCREW HEAD TYPES

SINGLE DRIVE

DOUBLE DRIVE

15, 20 & 30A 120/277V AC

Industrial Grade, Back & Side Wired

LEVITON

10 YEAR LIMITED WARRANTY

ELECTRICAL			
DIELECTRIC VOLTAGE	OVERLOAD UL 20 TEST	TEMP. RISE	ENDURANCE
Withstands 1500V for 1min	100 cycles of overload at 4.8 times rated current	30°C max at full rated current	UL 20/Fed Spec 50,000 cycles min., tungsten filament lamp load (Fed. Spec.) WS896E, SP, DP, 3-way, 4-way, Pilot Light, Illum., Key Lock

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 65°C

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	TORQUE RANGE
Brass-Hot, Black-Hot, White-Neutral, Green-Grounding	#14-#10 AWG back wired #14-#12 AWG side wired	Ratings are permanently stamped on device strap	12-14 inch pounds

STANDARDS & CERTIFICATION					
NEMA WD-1 & WD-6	ANSI C-73	UL 20	UL Fed Spec WS896E	CSA C22.2 No. 111	NOM
✓	✓	#E7458	#E7458	#152105	#057

1201-2W 1202-2L 1204-2 1224-2WL 3033-2I

AC HORSEPOWER RATINGS		
15 AMP	20 AMP	30 AMP
1/2@120V	1@120V	2@120V
2@240V	2@240V	2@240V
12 AMP MAX	16 AMP MAX	24 AMP MAX

Catalog No. 55500-PRT

LEVSPEC

HEAVY DUTY, INDUSTRIAL DEVICES HAVE NYLON TOGGLES, COLOR-CODED BODY COVERS, AUTOMATIC GROUND CLIP, COMBO-HEAD BRASS TERMINAL SCREWS AND BACK WIRED GROUND SCREW

FUS Fed. Spec

TOGGLE COLOR	SINGLE-POLE TOGGLE BACK WIRED	SINGLE-POLE LOCKING	DOUBLE-POLE TOGGLE	DOUBLE-POLE LOCKING	3-WAY TOGGLE BACK WIRED	3-WAY LOCKING	4-WAY TOGGLE	4-WAY LOCKING
15 AMP								
Brown	1201-2	1201-2L	1202-2	1202-2L	1203-2	1203-2L	1204-2	1204-2L
Ivory	1201-2I	1201-2IL	1202-2I	–	1203-2I	1203-2IL	1204-2I	–
White	1201-2W	–	1202-2W	–	1203-2W	–	1204-2W	–
Gray	1201-2GY	–	1202-2GY	–	1203-2GY	–	1204-2GY	–
Red	1201-2R	–	–	–	1203-2R	–	–	–
20 AMP								
Brown	1221-2	1221-2L	1222-2	1222-2L	1223-2	1223-2L	1224-2	1224-2L
Almond	1221-2A	–	–	–	–	–	–	–
Ivory	1221-2I	1221-2IL	1222-2I	1222-2IL	1223-2I	1223-2IL	1224-2I	1224-2IL
White	1221-2W	1221-2WL	1222-2W	–	1223-2W	1223-2WL	1224-2W	1224-2WL
Gray	1221-2GY	1221-2GL	1222-2GY	–	1223-2GY	1223-2GL	1224-2GY	1224-2GL
Red	1221-2R	1221-2RL	1222-2R	–	1223-2R	–	1224-2R	–
Ebony	1221-2E	–	1222-2E	–	1223-2E	–	1224-2E	–
30 AMP								
Brown	3031-2	3031-2L	3032-2	3032-2L	3033-2	3033-2L	–	–
Ivory	3031-2I	–	3032-2I	–	3033-2I	–	–	–
White	3031-2W	–	3032-2W	–	3033-2W	–	–	–

1221-SW

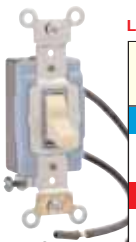
SPECCLASS

FUS Fed. Spec

2 YEAR LIMITED WARRANTY

General Duty, Contractor Pack, Combo-Head Steel Terminal Screws, Back & Side Wired

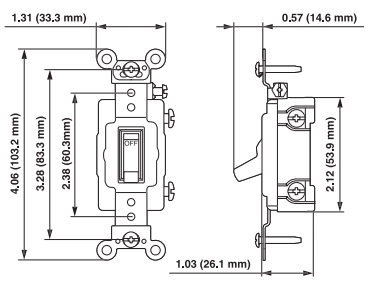
TOGGLE COLOR	SINGLE-POLE TOGGLE	DOUBLE-POLE TOGGLE`	3-WAY TOGGLE	4-WAY TOGGLE
20 AMP				
Brown	1221-S	1222-S	1223-S	1224-S
Ivory	1221-SI	1222-SI	1223-SI	1224-SI
White	1221-SW	1222-SW	1223-SW	1224-SW
Red	1221-SR	–	1223-SR	–
Gray	1221-SGY	1222-SGY	1223-SGY	1224-SGY



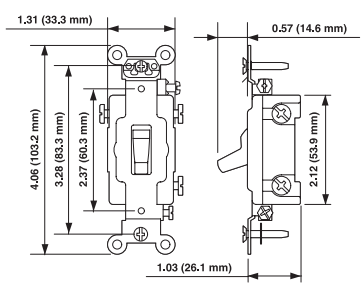
1241-I

LevSpec Industrial Grade Pigtail Switches

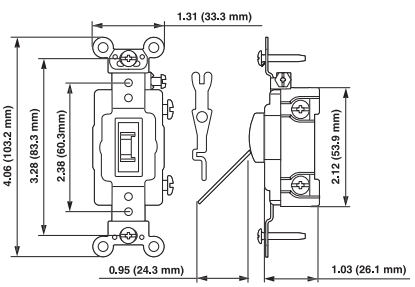
TOGGLE COLOR	SINGLE-POLE TOGGLE w/ 6" Leads	3-WAY TOGGLE w/ 6" Leads
15 AMP		
Ivory	1241-I	1242-I
White	1241-W	1242-W
20 AMP		
Ivory	1243-I	1244-I
White	1243-W	1244-W



SINGLE-POLE



3-WAY



LOCKING

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

10 YEAR LIMITED WARRANTY

Industrial Grade, Back & Side Wired – Canadian

ELECTRICAL			
DIELECTRIC VOLTAGE	OVERLOAD UL 20 TEST	TEMP. RISE	ENDURANCE
Withstands 1500V for 1min	100 cycles of overload at 4.8 times rated current	30°C max at full rated current	UL 20/Fed Spec 50,000 cycles min., tungsten filament lamp load (Fed. Spec.) WS896E, SP, DP, 3-way, 4-way, Pilot Light, Illum., Key Lock

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	TORQUE RANGE
Brass-Hot, Black-Hot, White-Neutral, Green-Grounding	#14-#10 AWG back wired #14-#12 AWG side wired	Ratings are permanently stamped on device strap	12-14 inch pounds

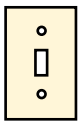
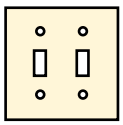
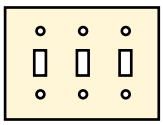
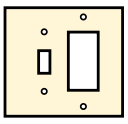
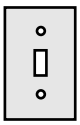
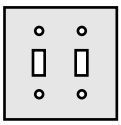
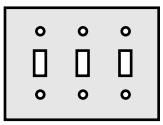
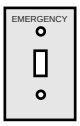
ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 65°C

STANDARDS & CERTIFICATION					
NEMA WD-1 & WD-6	ANSI C-73	UL 20	UL Fed Spec WS896E	CSA C22.2 No. 111	NOM
✓	✓	#E7458	#E7458	#152105	#057

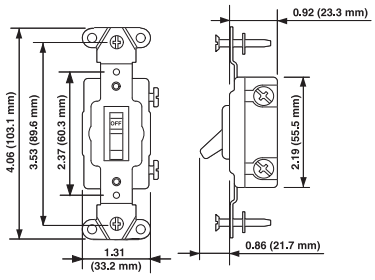
AC HORSEPOWER RATINGS	
15 AMP	20 AMP
1/2@120V	1@120V
2@240V	2 @240V
12 AMP MAX	16 AMP MAX

18201-R 18201-I 18203-G 18204-I

TOGGLE COLOR	SINGLE-POLE TOGGLE	DOUBLE-POLE TOGGLE	3-WAY TOGGLE	4-WAY TOGGLE	SINGLE-POLE LOCKING	DOUBLE-POLE LOCKING	3-WAY LOCKING
15 AMP							
Brown	18201-B	18202-B	18203-B	18204-B	18201-LB	18202-LB	18203-LB
Ivory	18201-I	18202-I	18203-I	18204-I	–	–	–
White	18201-W	–	18203-W	–	–	–	–
Gray	18201-G	–	18203-G	18204-G	–	–	–
Red	18201-R	–	18203-R	18204-R	–	–	–
20 AMP							
Brown	18221-B	18222-B	18223-B	18224-B	18221-LB	18222-LB	18223-LB
Ivory	18221-I	18222-I	18223-I	18224-I	–	–	–
White	18221-W	–	18223-W	–	–	–	–
Gray	18221-G	–	18223-G	–	–	–	–
Red	18221-R	–	18223-R	–	–	–	–

NYLON WALLPLATES				302 STAINLESS STEEL WALLPLATES			
							
80701-I	80709-I	80711-I	80707-I	84001-40	84009-40	84011-40	84001-E40

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



15, 20 & 30A 120/277V AC

Industrial Grade, Back & Side Wired

LEVITON

10 YEAR LIMITED WARRANTY

ELECTRICAL			
DIELECTRIC VOLTAGE	OVERLOAD UL 20 TEST	TEMP. RISE	ENDURANCE
Withstands 1500V for 1min	100 cycles of overload at 4.8 times rated current	30°C max at full rated current	UL 20/Fed Spec 50,000 cycles min., tungsten filament lamp load (Fed. Spec.) WS896E, SP, DP, 3-way, 4-way, Pilot Light, Illum., Key Lock

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 65°C

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	TORQUE RANGE
Brass-Hot, Black-Hot, White-Neutral, Green-Grounding	#14-#10 AWG back wired #14-#12 AWG side wired	Ratings are permanently stamped on device strap	12-14 inch pounds

STANDARDS & CERTIFICATION					
NEMA WD-1 & WD-6	ANSI C-73	UL 20	UL Fed Spec WS896E	CSA C22.2 No. 111	NOM
✓	✓	#E7458	#E7458	#152105	#057

1201-PLG

1222-PLR

3031-LHI

AC HORSEPOWER RATINGS		
15 AMP	20 AMP	30 AMP
1/2@120V	1@120V	2@120V
12 AMP MAX	16 AMP MAX	24 AMP MAX

Pilot Light

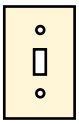
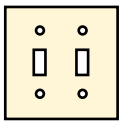
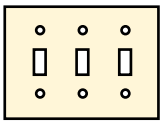
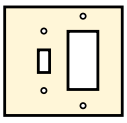
Illuminated when load is ON. Requires neutral wire.

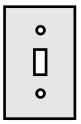
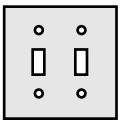
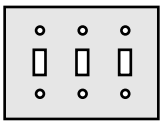
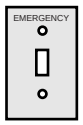
TOGGLE COLOR	SINGLE-POLE TOGGLE	DOUBLE-POLE TOGGLE	3-WAY TOGGLE
15 AMP 120V			
Clear	1201-PLC	–	1203-PLC
Red	1201-PLR	1202-PLR	1203-PLR
Green	1201-PLG	–	1203-PLG
20 AMP 120V			
Clear	1221-PLC	1222-PLC	1223-PLC
Red	1221-PLR	1222-PLR	1223-PLR
Green	1221-PLG	1222-PLG	1223-PLG
20 AMP 277V			
Clear	1221-7PC	–	–
Red	1221-7PR	1222-7PR	1223-7PR
30 AMP 120V			
Clear	3031-PLC	3032-PLC	–
Red	3031-PLR	3032-PLR	–

Lighted Handle

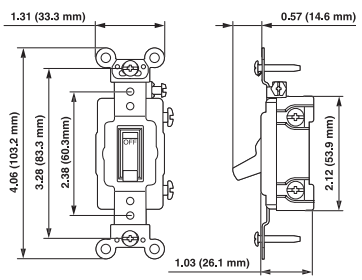
Illuminated when load is OFF. Does not require neutral wire.

TOGGLE COLOR	SINGLE-POLE TOGGLE	3-WAY TOGGLE
15 AMP 120V		
Clear	1201-LHC	1203-LHC
Ivory	1201-LHI	1203-LHI
White	1201-LHW	1203-LHW
20 AMP 120V		
Clear	1221-LHC	1223-LHC
Ivory	1221-LHI	1223-LHI
White	1221-LHW	1223-LHW
20 AMP 277V		
Clear	1221-7LC	1223-7LC
Ivory	1221-7LI	1223-7LI
White	1221-7LW	1223-7LW
30 AMP 120V		
Ivory	3031-LHI	–

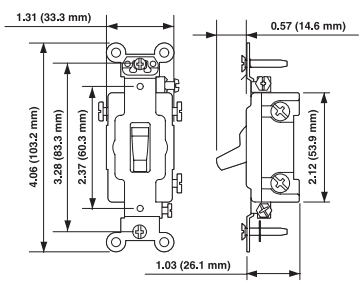
NYLON WALLPLATES			
			
80701-I	80709-I	80711-I	80707-I

302 STAINLESS STEEL WALLPLATES			
			
84001-40	84009-40	84011-40	84001-E40

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



SINGLE POLE



3-WAY

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15, 20, & 30A 120/277V AC

Industrial Grade, Back & Side Wired

10 YEAR LIMITED WARRANTY

ELECTRICAL			
DIELECTRIC VOLTAGE	OVERLOAD UL 20 TEST	TEMP. RISE	ENDURANCE
Withstands 1500V for 1min	100 cycles of overload at 4.8 times rated current	30°C max at full rated current	UL 20/Fed Spec 50,000 cycles min., tungsten filament lamp load (Fed. Spec.) WS896E, SP, DP, 3-way, 4-way, Pilot Light, Illum., Key Lock

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 65°C

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	TORQUE RANGE
Brass-Hot, Black-Hot, White-Neutral, Green-Grounding	#14-#10 AWG back wired #14-#12 AWG side wired	Ratings are permanently stamped on device strap	12-14 inch pounds

STANDARDS & CERTIFICATION					
NEMA WD-1 & WD-6	ANSI C-73	UL 20	UL Fed Spec WS896E	CUL per CSA C22.2 No.111	NOM
✓	✓	#E7458	Does Not Apply	#E63969	#057

1281 Front

1281 Back

1257-L

1287-I

AC HORSEPOWER RATINGS		
15 AMP	20 AMP	30 AMP
1/2@120V	1@120V	2@120V
2@240V	2@240V	2@240V
12 AMP MAX	16 AMP MAX	24 AMP MAX

Catalog No. 55500-PRT

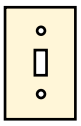
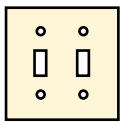
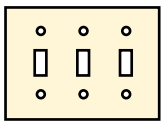
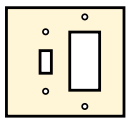
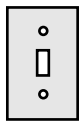
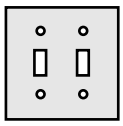
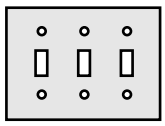
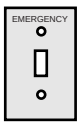
Maintained Contact

TOGGLE COLOR	SINGLE-POLE DOUBLE THROW CENTER-OFF	SINGLE-POLE DOUBLE-THROW CENTER-OFF LOCKING	DOUBLE-POLE DOUBLE THROW CENTER-OFF	DOUBLE -POLE DOUBLE-THROW CENTER-OFF LOCKING
15 AMP				
Brown	1281	–	1282	–
Ivory	1281-I	–	1282-I	–
White	1281-W	–	1282-W	–
Black	–	1281-L	–	–
20 AMP				
Brown	1285	–	1286	–
Ivory	1285-I	–	1286-I	–
White	1285-W	–	1286-W	–
Gray	1285-GY	–	–	–
Black	–	1285-L	–	–
30 AMP				
Brown	1287	–	1288	–
Ivory	1287-I	–	1288-I	1288-LI
Black	–	1287-L	–	1288-L

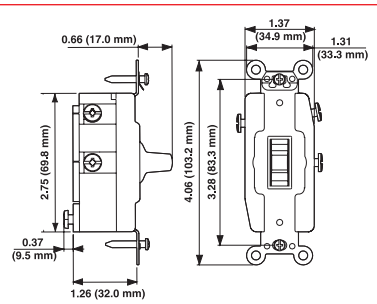
Momentary Contact

TOGGLE COLOR	SINGLE-POLE DOUBLE THROW CENTER-OFF	SINGLE-POLE DOUBLE THROW CENTER-OFF LOCKING
15 AMP		
Brown	1256	–
Ivory	1256-I	–
White	1256-W	–
Gray	1256-GY	–
20 AMP		
Brown	1257	1257-L*
Ivory	1257-I	1257-LI*

*Not CSA certified

NYLON WALLPLATES				302 STAINLESS STEEL WALLPLATES			
							
80701-I	80709-I	80711-I	80707-I	84001-40	84009-40	84011-40	84001-E40

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



SINGLE POLE LOCKING

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20A 120/277V AC

Industrial Grade, Back & Side Wired

LEVITON

10 YEAR LIMITED WARRANTY

ELECTRICAL			
DIELECTRIC VOLTAGE	OVERLOAD UL 20 TEST	TEMP. RISE	ENDURANCE
Withstands 1500V for 1min	100 cycles of overload at 4.8 times rated current	30°C max at full rated current	UL 20/Fed Spec 50,000 cycles min., tungsten filament lamp load (Fed. Spec.) WS896E, SP, DP, 3-way, 4-way, Pilot Light, Illum., Key Lock

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 65°C

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	TORQUE RANGE
Brass-Hot, Black-Hot, White-Neutral, Green-Grounding	#14-#10 AWG back wired #14-#12 AWG side wired	Ratings are permanently stamped on device strap	12-14 inch pounds

STANDARDS & CERTIFICATION					
NEMA WD-1 & WD-6	ANSI C-73	UL 20	UL Fed Spec WS896E	CSA C22.2 No. 111	NOM
✓	✓	#E7458	Does Not Apply	#152105	#057

1222-2KL

2-KEYS
Per Each Switch

AC HORSEPOWER RATINGS
20 AMP
1@120V
2@240V
16 AMP MAX

LOCK DOME	SINGLE-POLE Key Removable in the ON or OFF Position	DOUBLE-POLE Key Removable in the ON or OFF Position	3-WAY Key Removable in Either Position	4-WAY Key Removable in Either Position	REPLACEMENT KEYS 2 Per Package
20 AMP					
Nickel Plated	1221-2KL	1222-2KL	1223-2KL	1224-2KL	2KL

Key lock type switches are not recommended for use on Master or Emergency Power Systems.

302 STAINLESS STEEL WALLPLATE COMES WITH TAMPER-RESISTANT SCREWS & SPANNER TOOL

84071-40

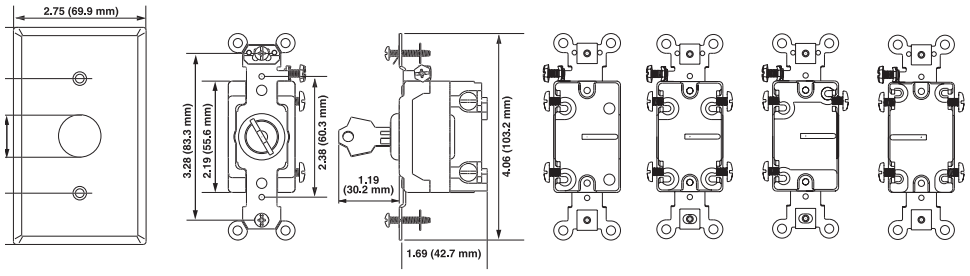
FD BOX OR DEEP WALLBOX RECOMMENDED MINIMUM INTERNAL DEPTH 2 3/4" SINGLE COVER/GANG

ADAPTER EXTENDS SHALLOW WALLBOX, USE WITH STAINLESS STEEL WALLPLATE, CATALOG NO. 84071-40

WALLBOX ADAPTER

COLOR	CATALOG NO.
Brown	6197
Ivory	6197-I
White	6197-W

Custom multiple gang wallplates available - see page Q24.



Wallplate 1P 2P 3-WAY 4-WAY

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15 & 20A 120/277V AC

Industrial Grade, Side Wired

10 YEAR LIMITED WARRANTY

ELECTRICAL			
DIELECTRIC VOLTAGE	OVERLOAD UL 20 TEST	TEMP. RISE	ENDURANCE
Withstands 1500V for 1min	100 cycles of overload at 4.8 times rated current	30°C max at full rated current	UL 20/Fed Spec 50,000 cycles min., tungsten filament lamp load (Fed. Spec.) WS896E, SP, DP, 3-way, 4-way, Pilot Light, Illum., Key Lock

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 65°C

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	TORQUE RANGE
Brass-Hot, Black-Hot, White-Neutral, Green-Grounding	#14-#12 AWG side wired	Ratings are permanently stamped on device strap	12-14 inch pounds

STANDARDS & CERTIFICATION					
NEMA WD-1 & WD-6	ANSI C-73	UL 20	UL Fed Spec WS896E	CSA C22.2 No. 111	NOM
✓	✓	#E7458	#E7458	#152105	#057

1101-2W

1122-2

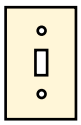
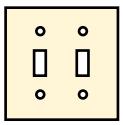
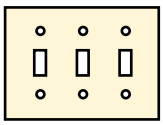
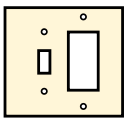
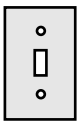
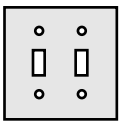
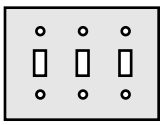
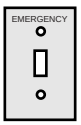
1104-2I

1123-2L

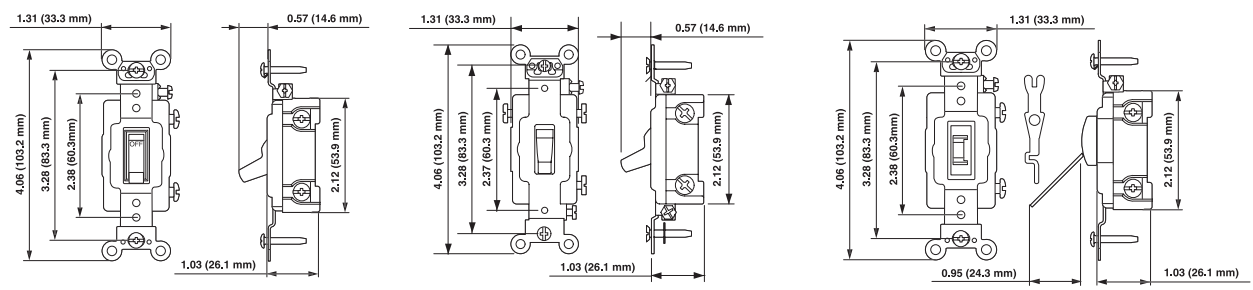
AC HORSEPOWER RATINGS	
15 AMP	20 AMP
1/2@120V	1@120V
2@240V	2@240V
12 AMP MAX	16 AMP MAX

Catalog No. 55500-PRT

TOGGLE COLOR	SINGLE-POLE TOGGLE	SINGLE-POLE LOCKING	DOUBLE-POLE TOGGLE	DOUBLE-POLE LOCKING	3-WAY TOGGLE	3-WAY LOCKING	4-WAY TOGGLE	4-WAY LOCKING
15 AMP								
Brown	1101-2	1101-2L	1102-2	1102-2L	1103-2	1103-2L	–	1104-2L
Ivory	1101-2I	–	1102-2I	–	1103-2I	–	1104-2I	–
White	1101-2W	–	–	–	1103-2W	–	–	–
Gray	1101-2GY	–	–	–	1103-2GY	–	–	–
20 AMP								
Brown	1121-2	1121-2L	1122-2	1122-2L	1123-2	1123-2L	1124-2	1124-2L
Ivory	1121-2I	–	1122-2I	–	1123-2I	–	1124-2I	–
White	1121-2W	–	1122-2W	–	1123-2W	–	1124-2W	–
Gray	1121-2GY	–	1122-2GY	–	1123-2GY	–	1124-2GY	–
Red	1121-2R	–	–	–	1123-2R	–	1124-2R	–

NYLON WALLPLATES				302 STAINLESS STEEL WALLPLATES			
							
80701-I	80709-I	80711-I	80707-I	84001-40	84009-40	84011-40	84001-E40

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



SINGLE POLE | 3-WAY | LOCKING

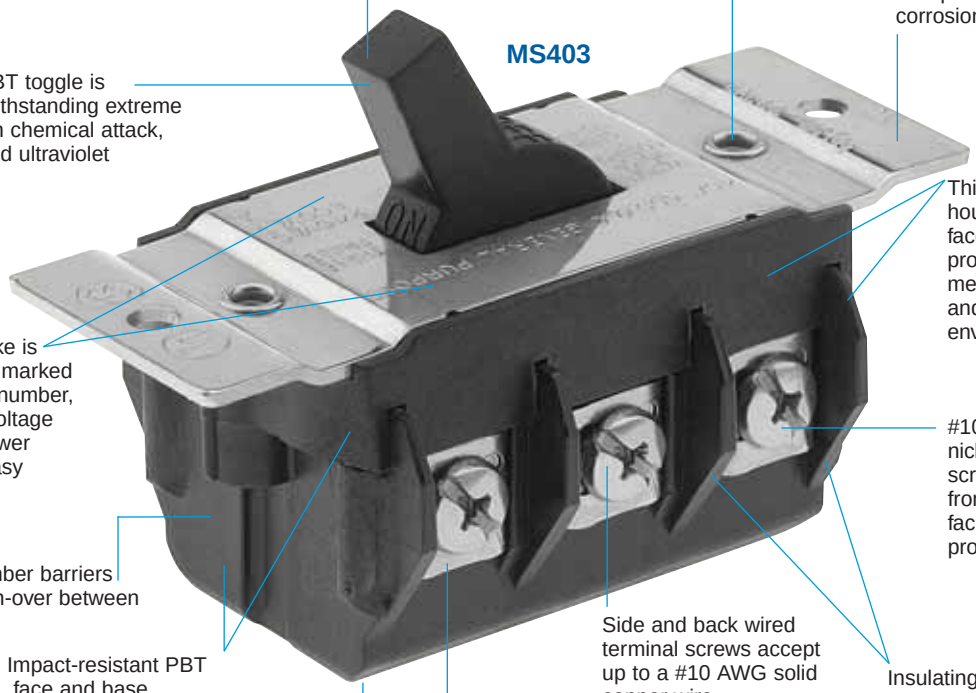
To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

Motor Starting Switch Features

LEVITON

UL 508 Listed
CUL per CSA Specification C22.2 No.14 Certified

10 YEAR LIMITED WARRANTY



Topped roll-over brass bushings secure yoke to device

Large toggle is easy to turn ON/OFF with gloved hand

Robust, full-face, nickel-plated, brass mounting yoke offers exceptional strength and corrosion-resistance

Oversized PBT toggle is capable of withstanding extreme impact, harsh chemical attack, and prolonged ultraviolet exposure

Thick walled PBT housing and interlocking face encapsulates and protects internal mechanism in extreme and harsh industrial environments

Mounting yoke is permanently marked with catalog number, amperage, voltage and horsepower ratings for easy identification

#10 triple-combination nickel-plated terminal screws resist loosening from vibration and facilitates tightening to proper torque ranges

Internal chamber barriers prevents flash-over between contact sets

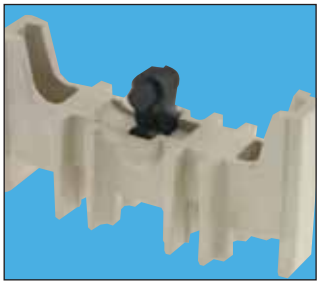
Impact-resistant PBT face and base

Side and back wired terminal screws accept up to a #10 AWG solid copper wire

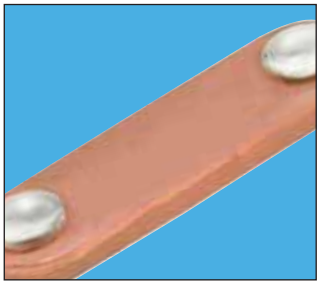
Insulating barriers provide terminal isolation between phases

Strip gauge and terminal identification permanently marked on base of device

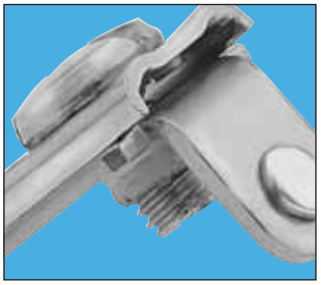
Multiple termination design accepts back and side wiring, terminal clamps, or ring terminals



Positive toggle ON/OFF actuation is accomplished by the toggle riding on a single-piece, non-conductive, non-tracking, thermoplastic pivotal link designed to minimize friction, resists wear, and high-use deterioration.



High-performance silver-cadmium oxide contacts minimize wear and erosion.



High-conductive nickel-plated brass terminal screws improve current flow and prolong component life.

NEMA 1 and NEMA 3R enclosures with or without switches are available.

COMPONENT	DESCRIPTION
Mounting Yoke	.062" Nickel-Plated Brass
Base	PBT
Toggle	PBT
Face	PBT
Contacts	.031" Thick Silver-Cadmium Oxide
Triple Drive #10 Terminal Screws	#10-32 Nickel-Plated Brass Slotted; Undercut Binding Head Design
Assembly	Topped Roll-Over Brass Bushings

STANDARDS & CERTIFICATIONS					
NEMA WD1 & WD6	ANSI C-73	UL 508	UL Fed Spec Listed WS896E	CUL per CSA C22.2 No.14	NOM
✓	✓	#E63969	Not Applicable	#E63969	✓

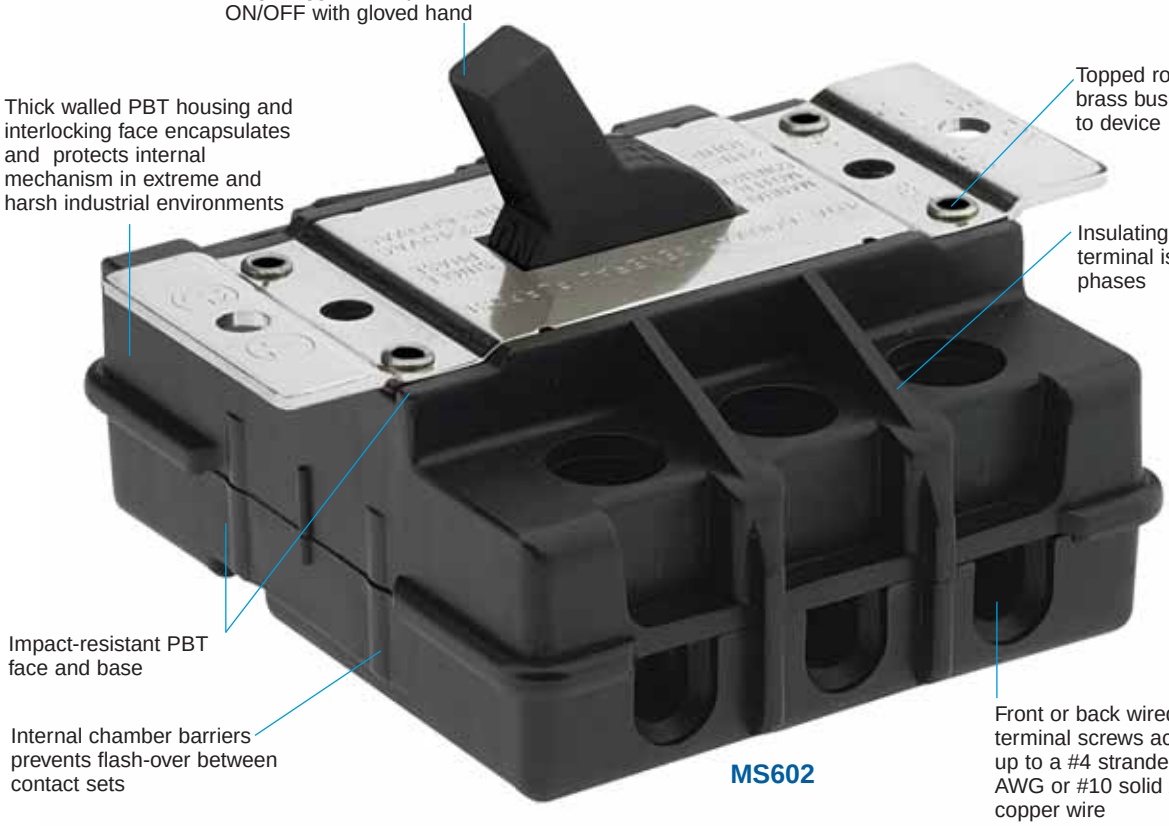
CAT. NO.	RATING	AC HORSEPOWER RATING	
MS302	30AMP 600V AC	2 HP 120V	5 HP 240V
		10HP 480V	15 HP 600V
MS303	30AMP 600V AC	3 HP 120V	7½ HP 240V
		15HP 480V	20 HP 600V
MS402	40AMP 600V AC	2 HP 120V	5 HP 240V
		10HP 480V	15 HP 600V
MS403	40AMP 600V AC	3 HP 120V	7½ HP 240V
		15HP 480V	20 HP 600V

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

Motor Starting Switch Features

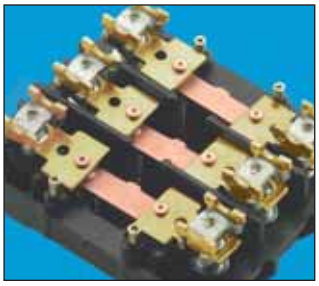
10 YEAR LIMITED WARRANTY

UL 508 Listed
CUL per CSA Specification C22.2 No.14 Certified



Positive toggle ON/OFF actuation is accomplished by the toggle riding on a single-piece, non-conductive, non-tracking, thermoplastic pivotal link designed to minimize friction, resists wear, and high-use deterioration.

Zinc-plated lug-type terminal screws, hold conductors securely in place assuring an excellent electrical connection and delivery of maximum current to the designated large (.218") diameter contact.



Cam break action opens & closes, high-performance, double contacts used to absorb high energy in the make-break-cycle, run cooler and more efficiently prolonging and extending switching performance.

NEMA 3R enclosure is carbon steel with polyester powder coating over phosphatized surface for a highly durable finish

COMPONENT	DESCRIPTION
Mounting Yoke	.062" Nickel-Plated Brass
Base	PBT
Toggle	PBT
Face	PBT
Contacts	.046" Thick Silver-Cadmium Oxide
Terminal	5/16-24 Zinc-Plated Steel, Triple-Combination
Assembly	Topped Roll-Over Zinc-Plated Brass Bushings

STANDARDS & CERTIFICATIONS					
NEMA WD1 & WD6	ANSI C-73	UL 508	UL Fed Spec Listed WS896E	CUL per CSA C22.2 No.14	NOM
✓	✓	#E63969	Not Applicable	#E63969	✓

Figure 1 – Cat. Nos. MS602-BW/FW

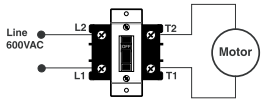
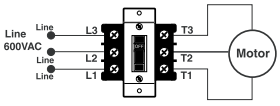


Figure 2 – Cat. Nos. MS603-BW/FW



CAT. NO.	RATING	AC HORSEPOWER RATING
MS602	60AMP 600V AC 2-Pole 1Ø	10 HP 240V 15HP 480V 20 HP 600V
MS603	60AMP 600V AC 3-Pole 3Ø	10 HP 240V 25HP 480V 30 HP 600V

30 & 40A 600V AC

LEVITON

Industrial Grade, Back & Side Wired – MSS Devices, Side Wired, Bus Bar Termination & Ring Terminal – WS Devices

10 YEAR LIMITED WARRANTY

ELECTRICAL			
DIELECTRIC VOLTAGE	OVERLOAD UL 508 TEST	TEMP. RISE	ENDURANCE
Withstands 2200V for 1min	50 cycles of overload at 6 times rated current	50°C max at full rated current	UL 508 6,000 cycles inductive motor type load. Dual rated General and Manual Motor Control

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-0 per UL 94	-40°C to 65°C

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	TORQUE
T1, T2, T3, L1, L2 & L3 marked on back of device	#10 -#8 AWG	Ratings are permanently stamped on device strap	20 inch pounds

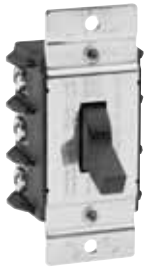
CERTIFICATION					
NEMA WD-1 & WD-6	ANSI C-73	UL 508	UL Fed Spec WS896E	CUL per CSA C22.2 No.111	NOM
✓	✓	#E63969	Not Applicable	#E63969	#057

PowerSwitch BY LEVITON

When using the lockout feature on TYPE 3R enclosures and placing the ON/OFF handle in the OFF position, it is recommended that a 5/16" shackle or equivalent padlock with a minimum diameter of 1/4" be used.

MS302-S

MS303


MS403

N1303

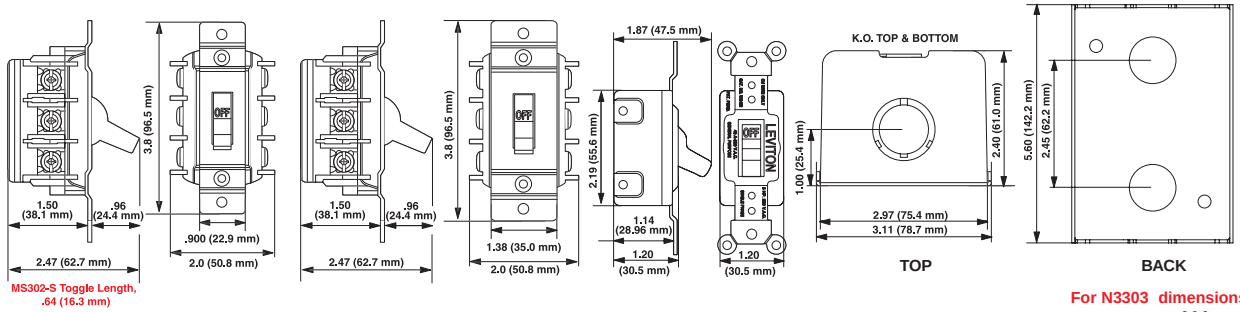
N3303

WS402

TOGGLE COLOR	DOUBLE-POLE SINGLE-THROW			AC HP RATING	THREE-POLE SINGLE-THROW			AC HP RATING
30A 600V AC, Motor Starting Switch								
	Switch Only	Switch in TYPE 1 Enclosure	Switch in TYPE 3R Enclosure	2HP 120V 5HP 240V 10HP 480V 15HP 600V	Switch Only	Switch in TYPE 1 Enclosure	Switch in TYPE 3R Enclosure	3HP 120V 7½HP 120V 15HP 480V 20HP 600V
Black	MS302	N1302	N3302		MS303	N1303	N3303	
Black (short toggle)	MS302-S	–	–		MS303-S	–	–	
40A 600V AC, Motor Starting Switch								
Black	MS402			2HP 120V 5HP 240V 10HP 480V 15HP 600V	MS403			3HP 120V 7½HP 240V 15HP 480V 20HP 600V
40A 600V AC, Welder Starting Switch (Terminal Screws Packaged Separately) Recognized Component for OEM use.								
Black	WS402			5HP 240V	–			–

TYPE 1 STEEL ENCLOSURE WITHOUT SWITCH For 30 Amp MS Switches	TYPE 3R ENCLOSURE WITHOUT SWITCH For 30 Amp MS Switches	302 STAINLESS STEEL LOCKOUT WALLPLATE w/ TAMPER-RESISTANT SCREWS & SPANNER TOOL	TYPE 1 ENCLOSURES w/ THERMOPLASTIC COVER & w/ 30A 2-P(N1302-T) or 30A 3-P(N1303-T) SWITCH
2 Knockouts ½" & ¾" Top & Bottom	2 Bottom Knockouts #1 allows: ½",¾", 1", 1¼" #2 allows: ½", ¾" Enclosure Dimensions See page A12		
N13NC	N33NC	84001-LOK Lock Purchased Separately	N1303-T (w/ 30A Switch) N13NC-T (Cover Only)

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



MS302 & MS303 | MS402 & MS403 | WS402 | N13NC TOP | BACK

For N3303 dimensions see page A14.

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

10 YEAR LIMITED WARRANTY

Industrial Grade, Front & Back Wired – MSS Devices

ELECTRICAL			
DIELECTRIC VOLTAGE	OVERLOAD UL 508 TEST	TEMP. RISE	ENDURANCE
Withstands 2200V for 1min	50 cycles of overload at 6 times rated current	50° C max at full rated current	UL 508 6,000 cycles inductive motor type load. Dual rated General and Manual Motor Control

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	TORQUE
T1, T2, T3, L1, L2 & L3 marked on back of device	#10 -#4 AWG	Ratings are permanently stamped on device strap	25 inch pounds

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V0 per UL94	-40°C to 65°C

CERTIFICATION					
NEMA WD-1 & WD-6	ANSI C-73	UL 508	UL Fed Spec WS896E	CUL per CSA C22.2 No.111	NOM
✓	✓	#E63969	Not Applicable	#E63969	#057

PowerSwitch BY LEVITON

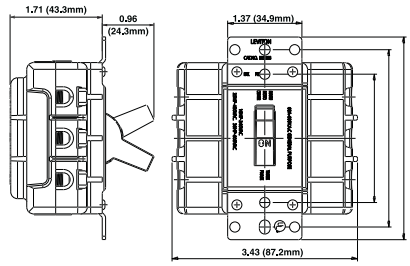
When using the lockout feature on TYPE 3R enclosures and placing the ON/OFF handle in the OFF position, it is recommended that a 5/16" shackle or equivalent padlock with a minimum diameter of 1/4" be used.

MS602-FW

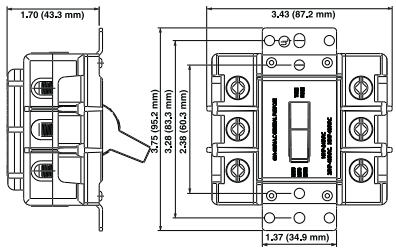
N3603

N3603 - Without Front Cover

TOGGLE COLOR	DOUBLE-POLE SINGLE-THROW			AC HORSEPOWER RATING	THREE-POLE SINGLE-THROW			AC HORSEPOWER RATING
60A 600V AC, Motor Starting Switch								
	Back-Wired Switch Only	Front-Wired Switch Only	Front-Wired Switch in TYPE 3R Enclosure		Back-Wired Switch Only	Front-Wired Switch Only	Front-Wired Switch in TYPE 3R Enclosure	
Black	MS602-BW	MS602-FW	N3602	10HP 240V 15HP 480V 20HP 600V	MS603-BW	MS603-FW	N3603	10HP 240V 25HP 480V 30HP 600V



MS602-BW & MS603-BW

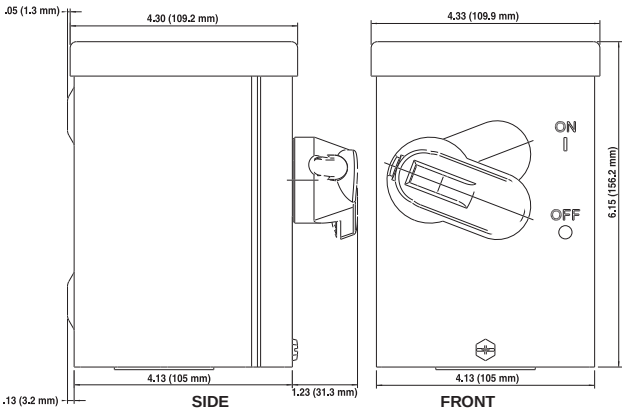


MS602-FW & MS603-FW

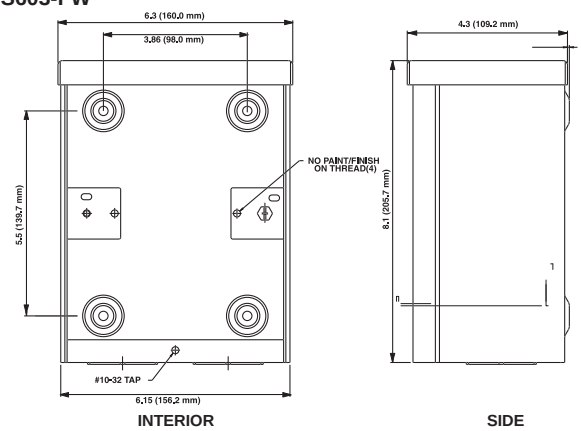
TYPE 3R ENCLOSURE WITHOUT SWITCH
For 40 or 60 Amp MS Switches

N36NC

2 Bottom Knockouts both allow: 1/2", 3/4", 1", 1 1/4"



N3302, N3303 & N33NC - See page A11 for Product Information



N3602, N3603 & N36NC

Disconnect Switch Features

LEVITON

Watertight Safety Disconnect Switches

2 YEAR LIMITED WARRANTY

IEC 947-3

Type 3R, 4X and 12K
IP67

Engineered to UL & IEC Watertight Standards

DS30-FAX

DS60-AX

DS30-AX

DS100-AX

Fused Models Accept "Class J" Time-Delay Fuses

PowerSwitch BY LEVITON

PowerSwitch Safety Disconnect Switches - SDS

- **30 Amp Non-Fused & Fused**
- **60 Amp Non-Fused & Fused**
- **100 Amp Non-Fused**

PowerSwitch SDS devices meet NEC Article 430 for separate disconnect in-sight of motor loads and OSHA Title 29 CFR 1910 and 1926 for lockout, tagout protection.

The complete PowerSwitch SDS package is non-metallic, watertight and is engineered to enhance safety and performance for critical power control installations.

Disconnect Switch Features

2 YEAR LIMITED WARRANTY

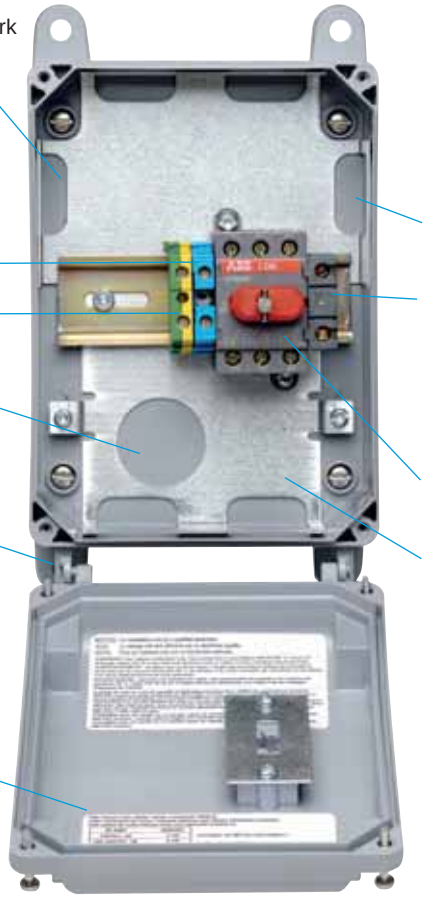
Engineered to IP65 Standards

PowerSwitch BY LEVITON

UL 508 Listed
CUL per CSA Specification C22.2 No.14 Certified

DS30-AX

30 Amp, Non-Fused Safety Disconnect Switch



Handle with padlock installed

STANDARDS & CERTIFICATIONS					
Safety Disconnect Switches					
UL 98 Fused (Including 100A Non-Fused -DS)	**UL 508 Non-Fused**	**cULus**	**NOM**	**CE**	**IEC 947-3**
#E63969		✔	✔	✔	✔

Disconnect Switch Features

LEVITON

UL 98 & UL 508 Listed CUL per CSA Specification C22.2 No.14 Certified

Watertight Safety Disconnect Switches Include 30 Amp Fused, 60 & 100 Amp (Fused & Non-Fused)

2 YEAR LIMITED WARRANTY

Engineered to UL & IEC Watertight Standards

Liquid-tight conduit fitting can be installed for top or bottom feed

One fitting supplied:
- 30 Amp - ¾"
- 60 Amp - 1¼"
- 100 Amp - 1½"

Meets 2002 NEC® Requirements 430.102 (A) and 430.102 (B)

Fused Models Accept "Class J" Time-Delay Fuses

DS60-FAX

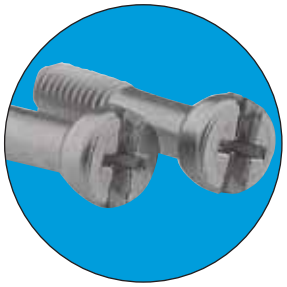
Red "pistol grip" handle provides visual confirmation of switch's status

Integrated lockout handle meets OSHA safety regulations

Stainless steel screws are captive and will not fall out when cover is opened

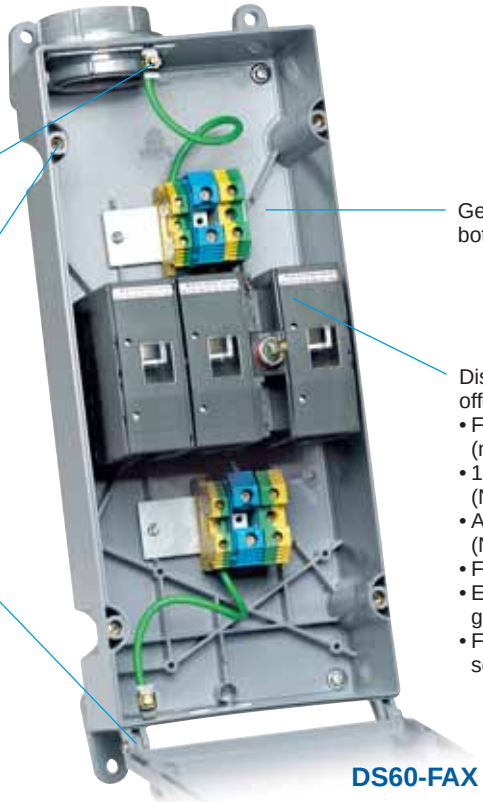
Impact UV and chemical-resistant Valox enclosure rated to UL and IEC watertight standards
- TYPE 3R, 4X & 12K
- IP67

Circuit identification pad for means of identifying specific equipment loads



Cover Screws: *1-1/8" deep slotted, LG stainless steel.*
Mounting Screws: *10-24 x 1/2" deep slotted, LG stainless steel.*

Handle with padlock installed



Pre-wired grounding plates (top and bottom of enclosure) connect to metal conduit grounding system

Generous wiring space for top to bottom wiring

Brass threaded inserts will not strip, provide higher torque, and form tighter seal between back box and cover

Disconnect switch with integrated fuse holder offers proven performance in a compact package
- Fused cartridges accept "Class J" fuses (not included)
- 1 Factory installed Auxiliary Contact (Normally Open - 10 Amp)
- Additional Auxiliary Contact Available (Normally Closed - 10 Amp)
- For additional contact information see page J28
- Easily accessible neutral and ground terminal blocks
- For physical dimensions of disconnect switches see pages A17 & A18

Rugged hinge mechanism pivots 180º for easy access during installation and maintenance

PowerSwitch® BY LEVITON

DS60-FAX

STANDARDS & CERTIFICATIONS					
Safety Disconnect Switches					
UL 98 Fused (Including 100A Non-Fused -DS)	**UL 508 Non-Fused**	**CSA C22.2 No. 14**	**NOM**	**CE**	**IEC 947-3**
#E63969		✔	✔	✔	✔

2 YEAR LIMITED WARRANTY

UL 98 & UL 508 Listed CUL per CSA Specification C22.2 No.14 Certified

Engineered to UL & IEC Watertight Standards

PowerSwitch BY LEVITON

Meets 2002 NEC® Requirements 430.102 (A) and 430.102 (B)

DS30-AX

DS60-FAX (Fused)

DS100-AX (Non-Fused)

Ordering Information for Watertight Safety Disconnect Switches

AMPS	MAX VOLTAGE	INTERRUPTING RATINGS — RMS SYMMETRICAL AMPERES			
		Non-Fused are suitable for use on circuits capable of delivering not more than (see chart below for catalog no. and value) RMS symmetrical amperes.		Fused, when protected by Class J fuses, 600V AC maximum, are suitable for use on circuits capable of delivering not more than (see chart below for catalog no. and value) RMS symmetrical amperes.	
		CAT. NO. NON-FUSED	RMS SYMMETRICAL AMPS	CAT. NO. FUSED	RMS SYMMETRICAL AMPS
30	600V AC	DS30-AX	10,000 Amp	DS30-FAX	200,000 Amp
60	600V AC	DS60-AX	50,000 Amp	DS60-FAX	200,000 Amp
100	600V AC	DS100-AX	50,000 Amp	–	–

ELECTRICAL			
	Device	Current Applied	Duration
Ground Path Integrity	30 A	60 A	2 min
	60 A	120 A	4 min
	100 A	200 A	6 min
Current Interrupting		Certified for current interrupting at full-rated current and voltage	
Endurance		6000 operations at rated current and voltage (Power factor 0.75 – 0.80)	
Dielectric		1000 V plus twice rated voltage for 1 minute	

MECHANICAL	
Mold Stress Relief	70°C for 7 hours
Knockout Test	Remains in place with 20 lb push
Crush	100 lb
Impact	1.2 lb steel ball dropped from 5 ft
Cold Impact	Same as above, after conditioning to -35°C
Strength of Insulating Base and Support	110% of specified tightening torque on terminal screws
Pullout	18 lb pull on internal wires

ENVIRONMENTAL	
Flammability	V-2 or better per UL 94 or CSA 22.2 No 0.6; V-0 for watertight enclosure
Rain (3R) per UL 50	Water spray @ 5 psi from all sides for 1 hr
Hosedown (4X) per UL 50	Water spray @ 65 gal/min for 5 minutes
Dust (12K) per UL 50	Cement Dust Circulated @ 1000 ft/minute for 5 minutes
Gasket Aging	70°C for 168 hours
UV Resistance	Exposed plastic materials are UV stabilized
Operating Temperature	-40°C to +60°C (-40°F to +140°F)

VOLTS	MAX. HP RATINGS PER UL508 NON-FUSED SAFETY DISCONNECT SWITCHES		
	DS30-AX	DS60-AX	DS100-AX
120V AC	2	2	5
208V AC	5	20	25
240V AC	5	10	15
480V AC	10	20	25
600V AC	NA	20	20
3Ø Y120/208V AC	10	20	25
3Ø 240V AC	10	20	30
3Ø 480V AC	20	40	50
3Ø 600V AC	25	40	50

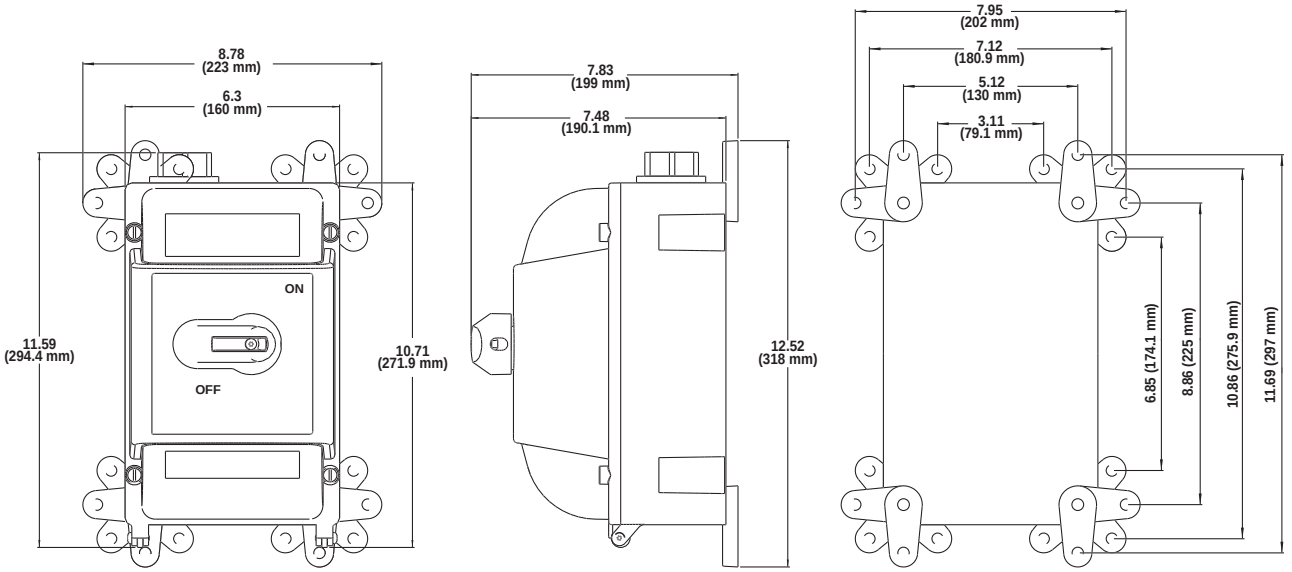
VOLTS	MAX. HP RATINGS PER UL508 FUSED SAFETY DISCONNECT SWITCHES	
	DS30-FAX	DS60-FAX
120V AC	2	NR
208V AC	7.5	15
240V AC	3	NR
480V AC	7.5	NR
600V AC	20	NR
3Ø Y 120/208V AC	7.5	15
3Ø 240V AC	7.5	15
3Ø 480V AC	15	30
3Ø 600V AC	20	50

NR = Not Rated NA = Not Available

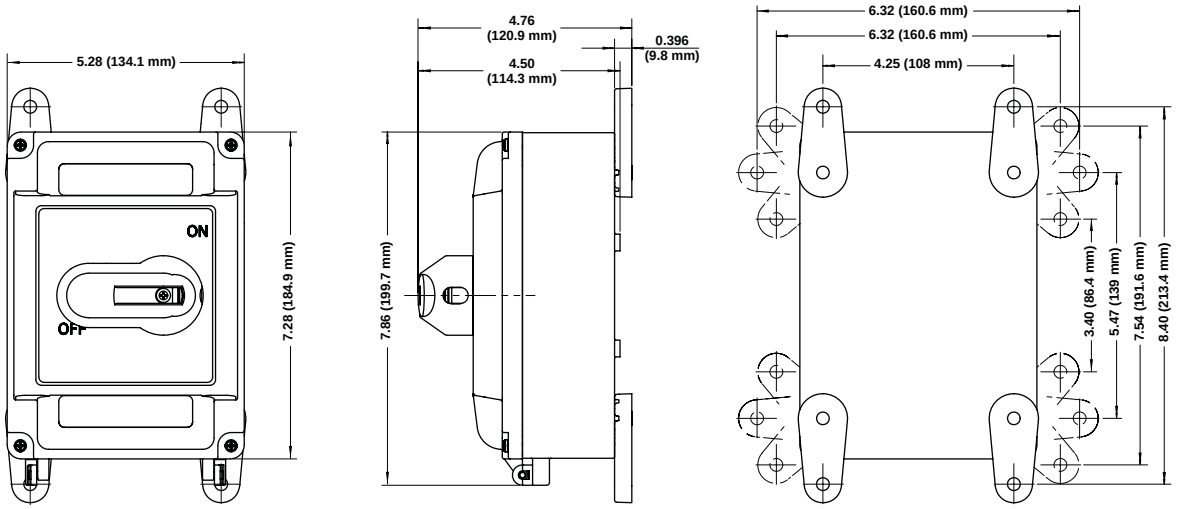
To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

Dimensions

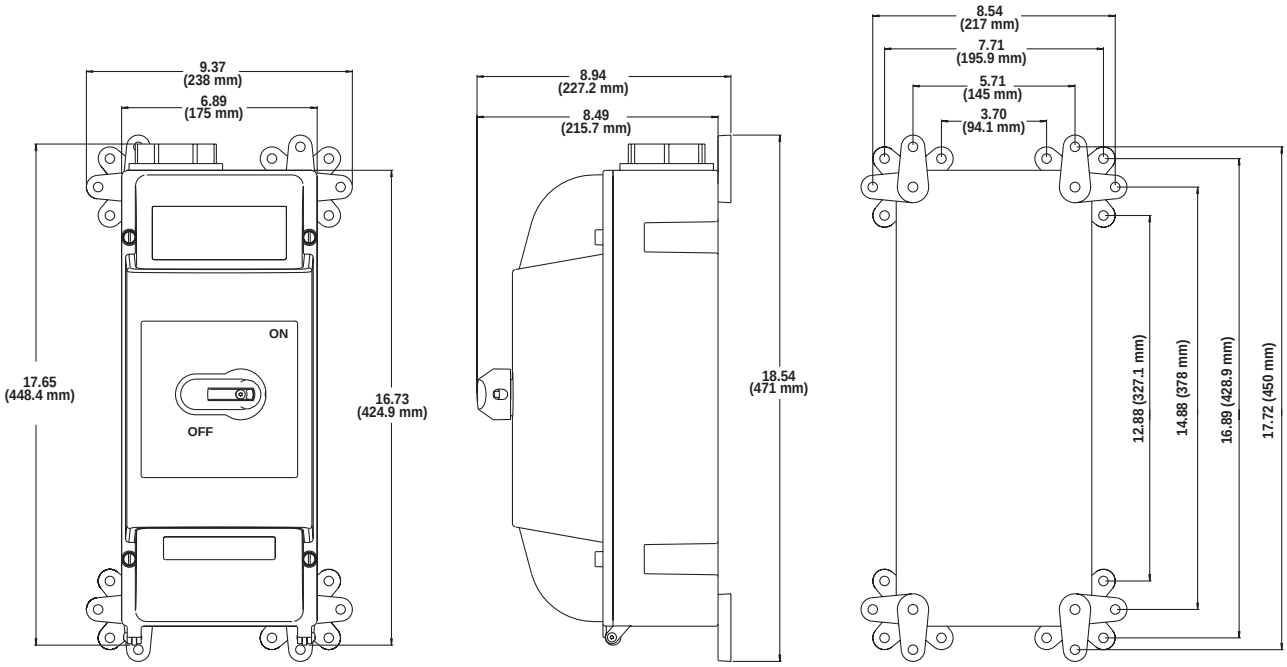
Watertight Safety Disconnect Switches



30 AMP FUSED & 60 AMP NON-FUSED



30 AMP NON-FUSED



60 AMP FUSED & 100 AMP NON-FUSED

Auxiliary Contacts for Safety Disconnect Switches

Auxiliary Contacts

- Leviton Mechanical Interlocks and Disconnect Switches automatically ship with one factory installed auxiliary contact, normally open.
- A second auxiliary contact may be added. Select from the table below.

DS OR MI DEVICE	AUXILIARY CONTACT CATALOGUE NO.	DESCRIPTION
For ALL **non-fused** and **fused** Disconnect switches and Mechanical Interlocks	AUXNO	Normally open contact, 10Amp, early break type
	AUXNCNF	Normally closed contact, 10Amp, early break type
For ALL **fused** disconnect switches and Mechanical Interlocks	AUXNCF	Normally closed contact, 10Amp, early break type

15 & 20A 120/277V AC

Commercial Grade, Back & Side Wired

LEVITON

10 YEAR LIMITED WARRANTY

ELECTRICAL			
DIELECTRIC VOLTAGE	OVERLOAD UL 20 TEST	TEMP. RISE	ENDURANCE
Withstands 1500V for 1min	100 cycles of overload at 4.8 times rated current	30°C max at full rated current	UL 20/Fed Spec 50,000 cycles min., tungsten filament lamp load (Fed. Spec.) WS896E, SP, DP, 3-way, 4-way, Pilot Light, Illum., Key Lock

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 65°C

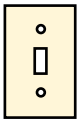
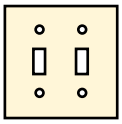
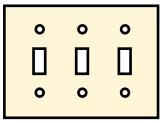
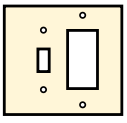
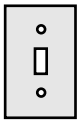
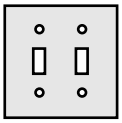
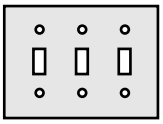
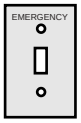
MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	TORQUE RANGE
Brass-Hot, Black-Hot, White-Neutral, Green-Grounding	#14-#10 AWG back wired #14-#12 AWG side wired	Ratings are permanently stamped on device strap	12-14 inch pounds

STANDARDS & CERTIFICATION					
NEMA WD-1 & WD-6	ANSI C-73	UL 20	ULFed Spec WS896E	CSA C22.2 No. 111	NOM
✓	✓	#E7458	#E7458	#152105	#057

AC HORSEPOWER RATINGS	
15 AMP	20 AMP
1/2 @120V	1@120V
2@240V	2@240V
12 AMP MAX	16 AMP MAX

CSB1-15I CSB3-20 CSB4-15G CSB4-20I

TOGGLE COLOR	SINGLE-POLE TOGGLE	DOUBLE-POLE TOGGLE	3-WAY TOGGLE	4-WAY TOGGLE
15 AMP				
Brown	CSB1-15	CSB2-15	CSB3-15	CSB4-15
Ivory	CSB1-15I	CSB2-15I	CSB3-15I	CSB4-15I
White	CSB1-15W	CSB2-15W	CSB3-15W	CSB4-15W
Gray	CSB1-15G	CSB2-15G	CSB3-15G	CSB4-15G
Almond	CSB1-15A	CSB2-15A	CSB3-15A	CSB4-15A
20 AMP				
Brown	CSB1-20	CSB2-20	CSB3-20	CSB4-20
Ivory	CSB1-20I	CSB2-20I	CSB3-20I	CSB4-20I
White	CSB1-20W	CSB2-20W	CSB3-20W	CSB4-20W
Gray	CSB1-20G	CSB2-20G	CSB3-20G	CSB4-20G
Almond	CSB1-20A	CSB2-20A	CSB3-20A	CSB4-20A

NYLON WALLPLATES				302 STAINLESS STEEL WALLPLATES			
							
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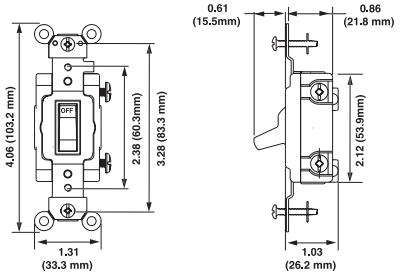
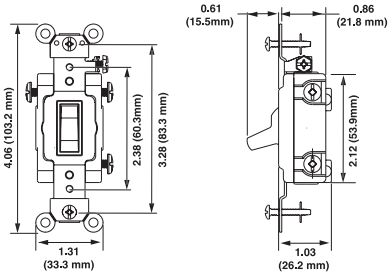
FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



CSB1 Series



CSB3 Series

15 & 20A 120/277V AC

Commercial Grade, Side Wired

10 YEAR LIMITED WARRANTY

ELECTRICAL			
DIELECTRIC VOLTAGE	OVERLOAD UL 20 TEST	TEMP. RISE	ENDURANCE
Withstands 1500V for 1min	100 cycles of overload at 4.8 times rated current	30°C max at full rated current	UL 20/Fed Spec 50,000 cycles min., tungsten filament lamp load (Fed. Spec.) WS896E, SP, DP, 3-way, 4-way, Pilot Light, Illum., Key Lock

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 65°C

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	TORQUE RANGE
Brass-Hot, Black-Hot, White-Neutral, Green-Grounding	#14-#12 AWG side wired	Ratings are permanently stamped on device strap	12-14 inch pounds

STANDARDS & CERTIFICATION					
NEMA WD-1 & WD-6	ANSI C-73	UL 20	UL Fed Spec WS896E	CSA C22.2 No. 111	NOM
✓	✓	#E7458	#E7458	#152105	#057

AC HORSEPOWER RATINGS	
15 AMP	20 AMP
1/2@120V	1@120V
2@240V	2@240V
12 AMP MAX	16 AMP MAX

5501-8

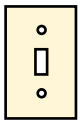
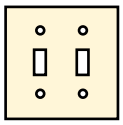
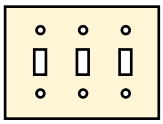
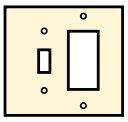
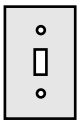
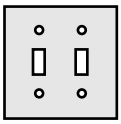
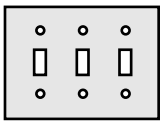
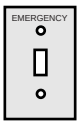
CS220-2GY

54501-2

54522-2W

54504-2GY

TOGGLE COLOR	SINGLE POLE TOGGLE	SINGLE POLE HOSPITAL CALL SWITCH	DOUBLE POLE TOGGLE	DOUBLE POLE HOSPITAL CALL SWITCH	3-WAY TOGGLE	4-WAY TOGGLE	SINGLE POLE FRAMED TOGGLE	DOUBLE POLE FRAMED TOGGLE	3-WAY FRAMED TOGGLE	4-WAY FRAMED TOGGLE
15 AMP										
Brown	CS115-2	5501-8	CS215-2	–	CS315-2	CS415-2	54501-2	54502-2	54503-2	54504-2
Ivory	CS115-2I	5501-8I	CS215-2I	5502-8I	CS315-2I	CS415-2I	54501-2I	54502-2I	54503-2I	54504-2I
White	CS115-2W	–	CS215-2W	–	CS315-2W	CS415-2W	54501-2W	54502-2W	54503-2W	54504-2W
Gray	CS115-2GY	–	CS215-2GY	–	CS315-2GY	CS415-2GY	54501-2GY	54502-2GY	54503-2GY	54504-2GY
Almond	–	–	–	–	CS315-2A	CS415-2A	–	–	–	54504-2A
20 AMP										
Brown	CS120-2	–	CS220-2	–	CS320-2	CS420-2	54521-2	54522-2	54523-2	54524-2
Ivory	CS120-2I	–	CS220-2I	–	CS320-2I	CS420-2I	54521-2I	54522-2I	54523-2I	54524-2I
White	CS120-2W	–	CS220-2W	–	CS320-2W	CS420-2W	54521-2W	54522-2W	54523-2W	54524-2W
Gray	CS120-2GY	–	CS220-2GY	–	CS320-2GY	CS420-2GY	54521-2GY	54522-2GY	54523-2GY	54524-2GY
Almond	–	–	CS220-2A	–	–	–	–	–	–	–

NYLON WALLPLATES				302 STAINLESS STEEL WALLPLATES			
							
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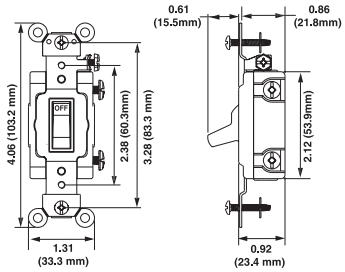
FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



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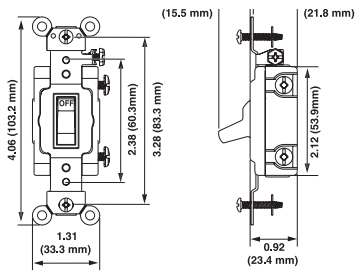


CS115

15 & 20A 120/277V AC

LEVITON

Commercial Grade, Side Wired – Canadian

ELECTRICAL			
DIELECTRIC VOLTAGE	OVERLOAD UL 20 TEST	TEMP. RISE	ENDURANCE
Withstands 1500V for 1min	100 cycles of overload at 4.8 times rated current	30°C max at full rated current	UL 20/Fed Spec 50,000 cycles min., tungsten filament lamp load (Fed. Spec.) WS896E, SP, DP, 3-way, 4-way, Pilot Light, Illum., Key Lock

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	TORQUE RANGE
Brass-Hot, Black-Hot, White-Neutral, Green-Grounding	#14-#12 AWG side wired	Ratings are permanently stamped on device strap	12-14 inch pounds

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 65°C

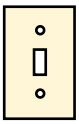
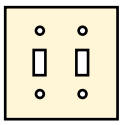
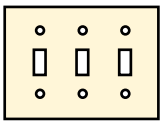
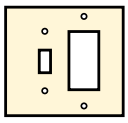
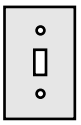
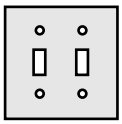
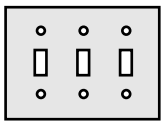
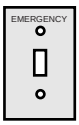
STANDARDS & CERTIFICATION					
NEMA WD-1 & WD-6	ANSI C-73	UL 20	ULFed Spec WS896E	CSA C22.2 No. 111	NOM
✓	✓	#E7458	#E7458	#152105	#057

1101-CI

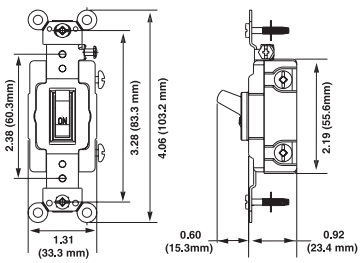
1104-CW

AC HORSEPOWER RATINGS	
15 AMP	20 AMP
1/2@120V	1@120V
2@240V	2@240V
12 AMP MAX	16 AMP MAX

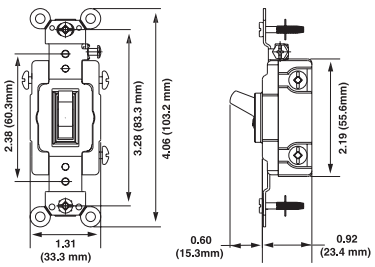
TOGGLE COLOR	SINGLE-POLE FRAMED TOGGLE	DOUBLE-POLE FRAMED TOGGLE	3-WAY FRAMED TOGGLE	4-WAY FRAMED TOGGLE
15 AMP				
Brown	1101-CB	1102-CB	1103-CB	1104-CB
Ivory	1101-CI	1102-CI	1103-CI	1104-CI
White	1101-CW	1102-CW	1103-CW	1104-CW
Gray	1101-CGY	1102-CGY	1103-CGY	1104-CGY
20 AMP				
Brown	54521-B	54522-B	54523-B	54524-B
Ivory	54521-I	54522-I	54523-I	54524-I
White	–	54522-W	–	–

NYLON WALLPLATES				302 STAINLESS STEEL WALLPLATES			
							
80701-I	80709-I	80711-I	80707-I	84001-40	84009-40	84011-40	84001-E40

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



54521



54523

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

15A 120V AC Only & 15A 347V AC

Commercial Grade, Side Wired, Lighted Handle – Canadian

ELECTRICAL			
DIELECTRIC VOLTAGE	OVERLOAD UL 20 TEST	TEMP. RISE	ENDURANCE
Withstands 1500V for 1min	100 cycles of overload at 4.8 times rated current	30°C max at full rated current	UL 20/Fed Spec 50,000 cycles min., tungsten filament lamp load (Fed. Spec.) WS896E, SP, DP, 3-way, 4-way, Pilot Light, Illum., Key Lock

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 65°C

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	TORQUE RANGE
Brass-Hot, Black-Hot, White-Neutral, Green-Grounding	#14-#12 AWG side wired	Ratings are permanently stamped on device strap	12-14 inch pounds

STANDARDS & CERTIFICATION					
NEMA WD-1 & WD-6	ANSI C-73	UL 20	ULFed Spec WS896E	CSA C22.2 No. 111	NOM
✓	✓	#E7458	#E7458	#152105	#057

5501-LHI

5503-LHW

18201-CI

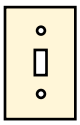
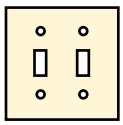
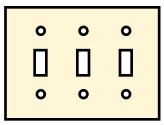
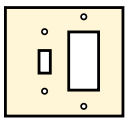
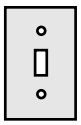
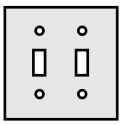
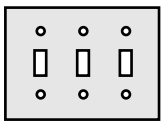
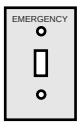
18204-CG

15A 120V AC Only, Side Wired, Lighted Handle

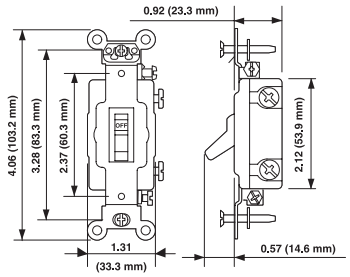
TOGGLE COLOR	SINGLE-POLE LIGHTED TOGGLE	3-WAY LIGHTED TOGGLE
15 AMP		
Ivory	5501-LHI	5503-LHI
White	5501-LHW	5503-LHW

15A 347V AC Side Wired Canadian

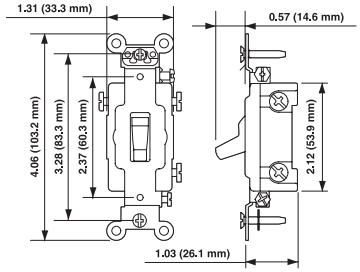
TOGGLE COLOR TOGGLE	SINGLE-POLE FRAMED TOGGLE	DOUBLE-POLE FRAMED TOGGLE	3-WAY FRAMED TOGGLE	4-WAY FRAMED
15 AMP				
Brown	18201-CB	18202-CB	18203-CB	18204-CB
Ivory	18201-CI	18202-CI	18203-CI	18204-CI
White	18201-CW	18202-CW	18203-CW	18204-CW
Gray	18201-CG	18202-CG	18203-CG	18204-CG

NYLON WALLPLATES				302 STAINLESS STEEL WALLPLATES			
							
80701-I	80709-I	80711-I	80707-I	84001-40	84009-40	84011-40	84001-E40

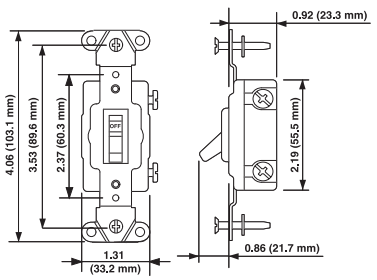
FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



5501-LHI



5503-LHW



18201-C

15A 120/277V AC Switches 15A 125V AC Receptacles

Commercial Grade, Side Wired

LEVITON

10 YEAR LIMITED WARRANTY

ELECTRICAL			
DIELECTRIC VOLTAGE	OVERLOAD UL 20 TEST	TEMP. RISE	ENDURANCE
Withstands 1500V for 1min	100 cycles of overload at 4.8 times rated current	30°C max at full rated current	UL 20 General-Use Switches

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 65°C

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	TORQUE RANGE
Brass-Hot, Black-Hot, White-Neutral, Green-Grounding	#14-#12 AWG side wired	Ratings are permanently stamped on device strap	12-14 inch pounds

STANDARDS & CERTIFICATION					
NEMA WD-1 & WD-6	ANSI C-73	UL 20	ULFed Spec WS896E	CSA C22.2 No. 111	NOM
✓	✓	#E7458	–	#152105	#057

AC HORSEPOWER RATINGS
15 AMP
1/2@120V
12 AMP MAX

5224-2

5225

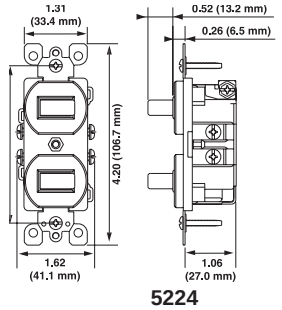
5241

5226-W

TOGGLE COLOR	TWO SINGLE-POLE SWITCHES	TWO SINGLE-POLE SWITCHES GROUNDING	SINGLE-POLE AND 3-WAY SWITCH	TWO 3-WAY SWITCHES
(Two) Switches – S-P and 3-Way 15A 120/277V AC				
Brown	5224	5224-2	5241	5243
Ivory	5224-I	5224-2I	5241-I	5243-I
White	5224-W	5224-2W	5241-W	5243-W

TOGGLE COLOR	RECEPTACLE WITH SINGLE-POLE	RECEPTACLE WITH 3-WAY
Single Receptacle & Switch – Receptacle 15A 125V AC, Switch 15A 120V AC		
Brown	5225	5245
Ivory	5225-I	5245-I
White	5225-W	–

TOGGLE COLOR	PILOT LIGHT WITH SINGLE-POLE	PILOT LIGHT WITH 3-WAY
Neon Pilot Light & Switch – Neon Lamp 120V AC, S-P & 3-Way Switch 15A 120/277V AC		
Brown	5226	5246
Ivory	5226-I	5246-I
White	5226-W	5246-W



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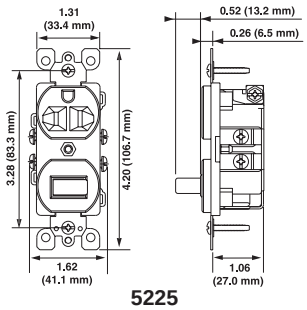

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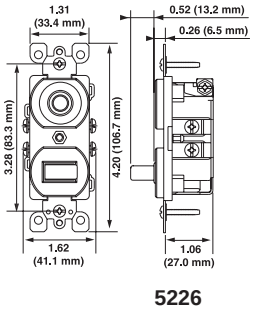

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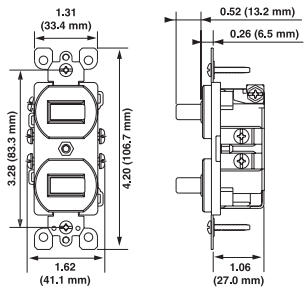

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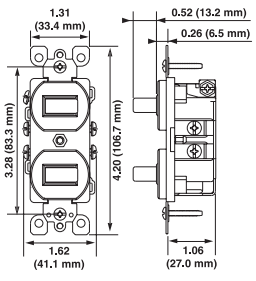

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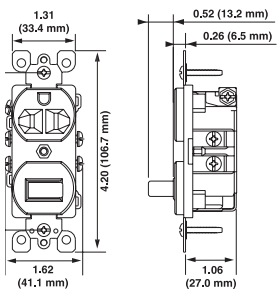

5245

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Commercial Grade, Side Wired

10 YEAR LIMITED WARRANTY

ELECTRICAL			
DIELECTRIC VOLTAGE	OVERLOAD UL 20 TEST	TEMP. RISE	ENDURANCE
Withstands 1500V for 1min	100 cycles of overload at 4.8 times rated current	30°C max at full rated current	UL 20/Fed Spec 50,000 cycles min., tungsten filament lamp load (Fed. Spec.) WS896E, SP, DP, 3-way, 4-way, Pilot Light, Illum., Key Lock

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 65°C

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	TORQUE RANGE
Brass-Hot, Black-Hot, White-Neutral, Green-Grounding	#14-#12 AWG side wired	Ratings are permanently stamped on device strap	12-14 inch pounds

STANDARDS & CERTIFICATION					
NEMA WD-1 & WD-6	ANSI C-73	UL 20	UL Fed Spec WS896E	CSA C22.2 No. 111	NOM
✓	✓	#E7458	–	#152105	#057

AC HORSEPOWER RATINGS
15 AMP
1@120V
16 AMP MAX

8299-A

5334-I

5335-I

5336-I

GFCI Receptacle with S-P Switch

GFCI Receptacle 15A 125V AC 20A Feed Through
S-P Switch 20A 120/277V AC; 2 Yr. Warranty

TOGGLE COLOR	GFCI RECEPTACLE WITH SINGLE-POLE SWITCH
Ivory	8299-I
White	8299-W
Almond	8299-A

(Two) S-P Switches

20A 120/277V AC

TOGGLE COLOR	2 SINGLE-POLE SWITCHES
Brown	5334
Ivory	5334-I

Single Receptacle with S-P Switch

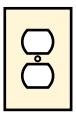
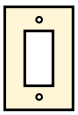
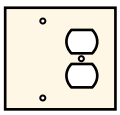
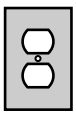
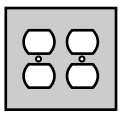
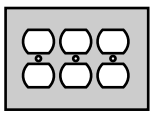
Receptacle 20A 125V AC
S-P Switch 20A 120/277V AC

TOGGLE COLOR	RECEPTACLE WITH SINGLE-POLE SWITCH
Brown	5335
Ivory	5335-I

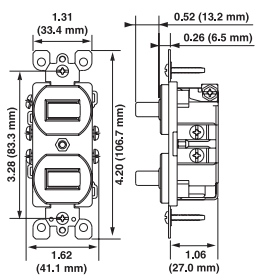
S-P Switch with Pilot Light

Receptacle 20A 125V AC
S-P Switch 20A 120/277V AC

TOGGLE COLOR	SINGLE-POLE SWITCH WITH PILOT LIGHT
Brown	5336
Ivory	5336-I

NYLON WALLPLATES				302 STAINLESS STEEL WALLPLATES		
						
80703-RE	80703-I	80401-NI	N138-I	84003-40	84016-40	84030-40

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



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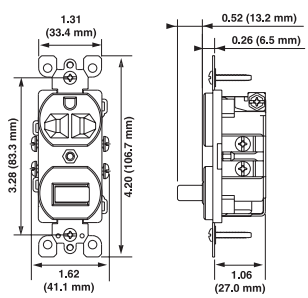

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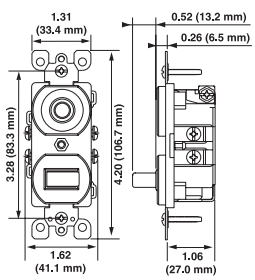

5336

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15 & 20A 120/277V AC

LEVITON

Commercial Grade, Back & Side Wired

10 YEAR LIMITED WARRANTY

ELECTRICAL			
DIELECTRIC VOLTAGE	OVERLOAD UL 20 TEST	TEMP. RISE	ENDURANCE
Withstands 1500V for 1min	100 cycles of overload at 4.8 times rated current	30°C max at full rated current	UL 20/Fed Spec 50,000 cycles min., tungsten filament lamp load (Fed. Spec.) WS896E, SP, DP, 3-way, 4-way, Pilot Light, Illum., Key Lock

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 65°C

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	TORQUE RANGE
Brass-Hot, Black-Hot, White-Neutral, Green-Grounding	#14-#10 AWG back wired #14-#12 AWG side wired	Ratings are permanently stamped on device strap	12-14 inch pounds

STANDARDS & CERTIFICATION					
NEMA WD-1 & WD-6	ANSI C-73	UL 20	UL Fed Spec WS896E	CSA C22.2 No. 111	NOM
✓	✓	#E7458	#E7458	#152105	#057

DECORA PLUS

5621-2E

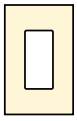
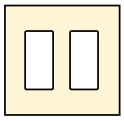
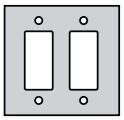
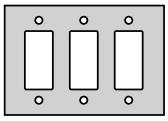
5691-2A

5621-2GY

5621-2W

AC HORSEPOWER RATINGS	
15 AMP	20 AMP
1/2@120V	1@120
2@240V	2@240
12 AMP MAX	16 AMP MAX

TOGGLE COLOR	SINGLE POLE	DOUBLE POLE	3-WAY	4-WAY
15 AMP				
Brown	5691-2	–	5693-2	–
Ivory	5691-2I	–	5693-2I	–
White	5691-2W	–	5693-2W	–
Gray	5691-2GY	–	5693-2GY	–
Ebony	5691-2E	–	5693-2E	–
Almond	5691-2A	–	5693-2A	–
Light Almond	5691-2T	–	5693-2T	–
20 AMP				
Brown	5621-2	5622-2	5623-2	5624-2
Ivory	5621-2I	5622-2I	5623-2I	5624-2I
White	5621-2W	5622-2W	5623-2W	5624-2W
Gray	5621-2GY	5622-2GY	5623-2GY	5624-2GY
Red	5621-2R	–	5623-2R	–
Ebony	5621-2E	5622-2E	5623-2E	–
Almond	5621-2A	5622-2A	5623-2A	5624-2A
Light Almond	5621-2T	5622-2T	5623-2T	5624-2T

SCREWLESS SNAP-ON WALLPLATES		NYLON WALLPLATES		302 STAINLESS STEEL WALLPLATES	
					
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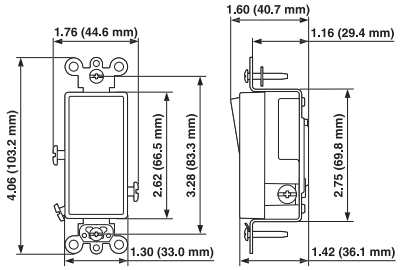
FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



APPLIES TO ALL SWITCHES ON THIS PAGE

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

15A 120/277V AC

Commercial Grade, Back & Side Wired

10 YEAR LIMITED WARRANTY

ELECTRICAL			
DIELECTRIC VOLTAGE	OVERLOAD UL 20 TEST	TEMP. RISE	ENDURANCE
Withstands 1500V for 1min	100 cycles of overload at 4.8 times rated current	30°C max at full rated current	UL 20/Fed Spec 50,000 cycles min., tungsten filament lamp load (Fed. Spec.) WS896E, SP, DP, 3-way, 4-way, Pilot Light, Illum., Key Lock

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 65°C

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	TORQUE RANGE
Brass-Hot, Black-Hot, White-Neutral, Green-Grounding	#14-#10 AWG back wired #14-#12 AWG side wired	Ratings are permanently stamped on device strap	12-14 inch pounds

STANDARDS & CERTIFICATION					
NEMA WD1 & WD6	ANSI C-73	UL 20	UL Fed Spec WS896E	CUL per CSA C22.2 No.111	NOM
✓	✓	#E7458	#E7458	#E63969	#057

5657-2I

5685-2GY

5685-2A

5686-2W

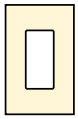
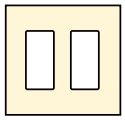
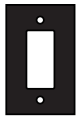
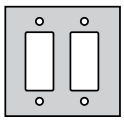
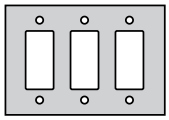
AC HORSEPOWER RATINGS
15 AMP
1/2@120V
2@240V
12 AMP MAX

Momentary Contact

TOGGLE COLOR	SINGLE-POLE DOUBLE-THROW CENTER OFF
15 AMP	
Brown	5657-2
Ivory	5657-2I
White	5657-2W
Gray	5657-2GY
Ebony	5657-2E
Almond	5657-2A
Light Almond	5657-2T

Maintained Contact

TOGGLE COLOR	SINGLE-POLE DOUBLE-THROW CENTER OFF	DOUBLE-POLE DOUBLE-THROW CENTER OFF
15 AMP		
Brown	5685-2	5686-2
Ivory	5685-2I	5686-2I
White	5685-2W	5686-2W
Gray	5685-2GY	–
Ebony	5685-2E	–
Almond	5685-2A	5686-2A
Light Almond	5685-2T	5686-2T

SCREWLESS SNAP-ON WALLPLATES		NYLON WALLPLATES		302 STAINLESS STEEL WALLPLATES	
					
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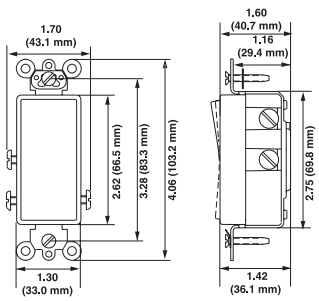
FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



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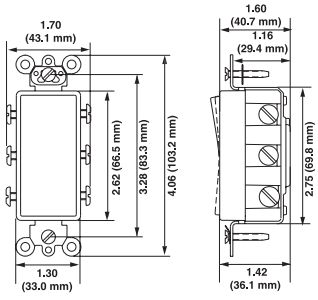

5686

20A 120/277V AC

Commercial Grade, Back & Side Wired

LEVITON

10 YEAR LIMITED WARRANTY

ELECTRICAL			
DIELECTRIC VOLTAGE	OVERLOAD UL 20 TEST	TEMP. RISE	ENDURANCE
Withstands 1500V for 1min	100 cycles of overload at 4.8 times rated current	30°C max at full rated current	UL 20/Fed Spec 50,000 cycles min., tungsten filament lamp load (Fed. Spec.) WS896E, SP, DP, 3-way, 4-way, Pilot Light, Illum., Key Lock

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 65°C

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	TORQUE RANGE
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STANDARDS & CERTIFICATION					
NEMA WD1 & WD6	ANSI C-73	UL 20	UL Fed Spec WS896E	CSA C22.2 No. 111	NOM
✓	✓	#E7458	#E7458	#152105	#057

AC HORSEPOWER RATINGS
15 AMP
1@120V
16 AMP MAX

DECORA PLUS

5631-2W

5649-2I

5628-2I

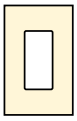
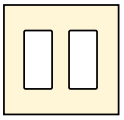
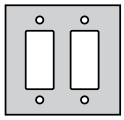
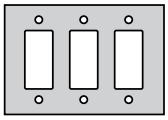
5633-2W

Illuminated Illuminated when load is OFF. Does not require a neutral wire.

TOGGLE COLOR	SINGLE-POLE 120V	3-WAY 120V	SINGLE-POLE 277V	3-WAY 277V
20 AMP				
Ivory	5631-2I	5633-2I	5649-2I	–
White	5631-2W	5633-2W	5649-2W	5659-2W
Ebony	5631-2E	–	–	–
Almond	5631-2A	5633-2A	–	–
Light Almond	5631-2T	5633-2T	–	–

Pilot Light Illuminated when load is ON. Requires a neutral wire.

TOGGLE COLOR	SINGLE-POLE 120V	3-WAY 120V	SINGLE-POLE 277V	3-WAY 277V
20 AMP				
Ivory	5628-2I	5638-2I	5629-2I	–
White	5628-2W	5638-2W	5629-2W	5639-2W
Almond	5628-2A	5638-2A	–	–
Light Almond	5628-2T	–	–	–

SCREWLESS SNAP-ON WALLPLATES		NYLON WALLPLATES		302 STAINLESS STEEL WALLPLATES	
					
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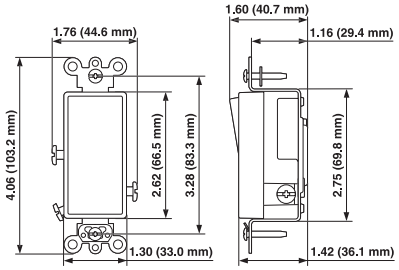
FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



APPLIES TO ALL SWITCHES ON THIS PAGE

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Types of Switches

Switches used in branch circuit wiring are rated in two general categories: AC ONLY and AC/DC. Originally, the electrical power furnished to residences and businesses by utility companies was Direct Current or DC. Because DC current was always flowing at full value, the making or breaking of a circuit created a rather strong arc during switch operation. For this reason, the contacts had to be widely gapped and the operation had to be "quick make, quick break" to avoid excessive pitting or welding of the contact points.

Alternating current operates between zero and full power 120 times per second. Because of the oscillating characteristic of AC power, the arc from an AC circuit is self-extinguishing on the "break" of the current. This means a slower breaking action is possible on an AC switch, as opposed to the breaking action required of a switch made for use with continuous full-power DC. The pulsating nature of AC can, however, cause a "chattering" or very fast series of "makes" and "breaks" if the circuit is closed too quickly. For this reason an AC ONLY switch works with a somewhat slower "fast make" and "break" than an AC/DC switch.

Because the make and break actions of an AC/DC switch must be fast, it can be rather noisy, and must use contact metals capable of enduring such comparatively violent action while still offering acceptable electrical conductivity. An alloy of copper is most often used.

Silver and its oxides are better conductors than copper and its oxides. Silver is much softer than copper and therefore cannot be used in the AC/DC switch. However, silver can be used in the AC ONLY switch because of its gentler "fast make" characteristic, especially when silver is alloyed with cadmium oxide, a good conductor that's quite hard.

Switch Ratings

AC ONLY switches are often called AC Quiet switches because they can be made to operate very quietly, unlike AC/DC switches. AC ONLY switches are rated at their full current value for lighting, including tungsten filament, quartz metal-halide, and fluorescent; and 80% current value or full horsepower rating value for motor (inductive) loads.

AC/DC switches used for incandescent lighting should have a "T" rating (tungsten-filament rating). The "T" rating assures end-users of the longevity of the switch through the surge currents of a "make" action across a tungsten filament. Such capacity is already inherent in the design of AC Quiet switches.

AC/DC switches are rated at only 50% of their current capacity for motor loads. A 20 amp AC/DC switch could be used to control a 10 amp motor load, while a 20 amp AC Quiet switch can operate a 16 amp motor load.

In the past, MERCURY switches were available that operated by making and breaking contact within a hermetically sealed capsule containing a pool of mercury. MERCURY switches were actually silent in operation. However, due to health concerns about mercury, these switches are no longer manufactured and sold. MERCURY switches may still be in service in some installations

Horsepower Ratings

Switches marked with Horsepower (HP) Ratings are suitable for controlling the motor loads of the HP ratings shown on the switch, as well as loads with a lower HP rating.

To qualify for an HP rating, a switch is tested at six times the full motor load current corresponding the HP rating marked on the switch. For DC motor load controllers, the test is made at 10 times the full motor load current corresponding to the DC HP rating marked on the switch. The test is conducted on six samples and consists of 50 On-Off operations at the load. For a 3/4 HP rating at 120/240 V AC, two sets of six samples each are tested in addition to the regular overload endurance, heating and insulation tests. The test circuit characteristics are:

	For 3/4 HP Rating @ 120 V AC	For 3/4 HP @ 240 V AC
Closed Circuit Volts	120 V AC	240 V AC
Current	82.8 amps	41.4 amps
Power-Factor	0.40 – 0.50	0.40 – 0.50

Note: The current at 240 VAC is 1/2 that at 120 VAC

All switches must be in good operating condition after the tests have been completed. There must be no excessive arcing, welding or burning of the contacts nor arc-over to ground (the switch frames are grounded during the Stalled Rotor Test).

Industry Standards for Electrical Wiring Devices

National Electrical Code Requirements for Switches — National Electrical Code NFPA No. 70-1996 (Selected Articles)

Article 380 — Switches

380-1	Scope
380-2	Switch Connections
380-8	Accessibility and Grouping
380-9	Faceplates for Flush-Mounted Snap Switches
380-14	Rating and Use of Snap Switches
380-15	Marking

Glossary

AC/DC — A switch designated for use with either Alternating Current (AC) or Direct Current (DC)

AC Only — A switch designated for use with Alternating Current (AC) only.

Dimmer — A switch with electronic circuitry that provides DIM/BRIGHT control of lighting loads.

Door — A momentary contact switch, usually installed on a doorjamb, that is activated when the door is opened or closed.

Double-Pole, Single-Throw (DPST)— A switch that makes or breaks the connection of two circuit conductors in a single branch circuit. This switch has four terminal screws and ON/OFF markings.

Double-Pole, Double-Throw (DPDT) — A switch that makes or breaks the connection of two conductors to two separate circuits. This switch has six terminal screws and is available in both momentary and maintained contact versions, and may also have a center OFF position.

Feed-Through — An in-line switch that can be attached at any point on a length of flexible cord to provide switching control of attached equipment.

Flush-Mounted — A switch designed for flush installation with the surface of a panel or equipment.

Four-Way — A switch used in conjunction with two 3-Way switches to control a single load (such as a light fixture) from three or more locations. This switch has four terminal screws and no ON/OFF marking.

Horsepower Rated — A switch with a marked horsepower rating, intended for use in switching motor loads.

Interchangeable — A switch or combination of switches with a common mounting dimension that may be installed on a single or multiple-opening mounting strap.

Lighted Handle — A switch with an integral lamp in its actuator (toggle, rocker or pushbutton) that illuminates when the switch is connected to an energized circuit and the actuator is in the OFF position.

Locking — A switch equipped with a locking mechanism that requires a key to operate the switching functions.

Low-Voltage — A switch rated for use on low-voltage circuits of 50 volts or less.

L-Rated — A switch specially designated with the letter "L" in its rating that is rated for controlling tungsten filament lamps on AC circuits only.

Maintained Contact — A switch where the actuator (toggle, rocker, pushbutton or key mechanism) makes and retains circuit contact when moved to the ON position. The contacts will only be opened when the actuator is manually moved to the OFF position. Ordinary light switches are maintained contact switches.

Manual Motor Controller — A switch designed for controlling small DC or AC motor loads, without overload protection.

Mercury — A type of switch that uses mercury as the contact means for making and breaking an electrical circuit.

Momentary Contact — A switch that makes circuit contact only as long as the actuator (toggle, rocker, pushbutton or key mechanism) is held in the ON position, after which it returns automatically to the OFF position. This is a "Normally Open" switch. A "Normally Closed" switch will break circuit contact as long as it is held in the OFF position, and then automatically return to the ON position. Available in "Center OFF" versions with both Momentary ON and Momentary OFF positions.

Pendant — A type of switch designed for installation at the end of a length of portable cord or cable,

Pilot Light — A switch with an integral lamp in its actuator (toggle, rocker or pushbutton) that illuminates when the switch is connected to an energized circuit and the actuator is in the ON position.

Pull — A switch where the making or breaking of contacts is controlled by pulling downward or outward on the actuator mechanism.

Push Button — A switch with an actuator mechanism that is operated by depressing a button.

Rotary — A switch where rotating the actuator in a clockwise direction makes the circuit connection, and then rotating the actuator in either the same or opposite direction breaks the connection.

Single-Pole, Double-Throw (SPDT) — A switch that makes or breaks the connection of a single conductor with either of two other single conductors. This switch has 3 terminal screws, and is commonly used in pairs and called a "Three-Way" switch.

Single-Pole, Single-Throw (SPST) — A switch that makes or breaks the connection of a single conductor in a single branch circuit. This switch has two screw terminals and ON/OFF designations. It is commonly referred to as a "Single-Pole" Switch.

Slide — A switch with a slide-action actuator for making or breaking circuit contact. Dimmer switches and fan speed controls are also available with slide-action mechanisms for lighting and fan speed control

Surface-Mounted — Any switch that mounts on a flat or plane surface.

Three-Position, Center OFF — A two circuit switch, either maintained or momentary contact, where the OFF position is designated as the center position of the actuator.

Three-Way — A switch, always used in pairs, that controls a single load such as a light fixture from two locations. This switch has three terminal screws and has no ON/OFF marking.

Time Delay — A switch with an integral mechanism or electronic circuit that will automatically switch a load OFF at a predetermined time interval.

Timer — A switch with an integral mechanism or electronic circuit that can be set to switch an electrical load ON at a predetermined time.

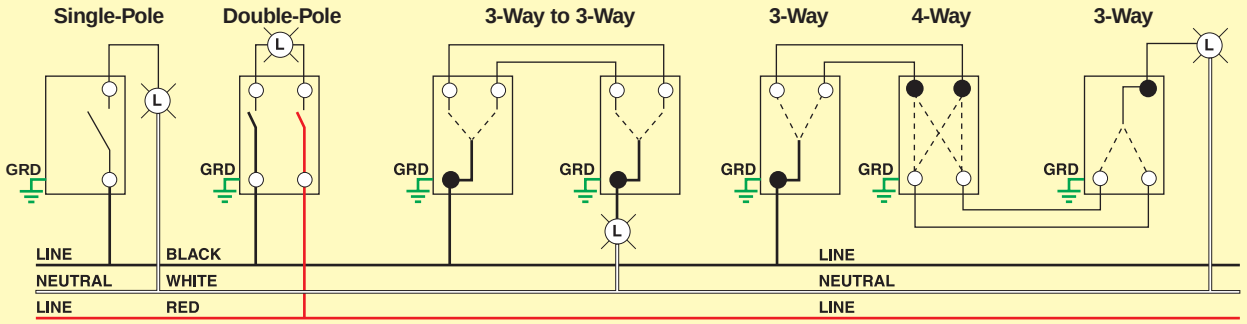
Toggle — A switch with a lever-type actuator that makes or breaks switch contact as its position is changed.

T-Rated — A switch specially designated with the letter "T" in its rating that is rated for controlling tungsten filament lamps on direct current (DC) or alternating current (AC) circuits.

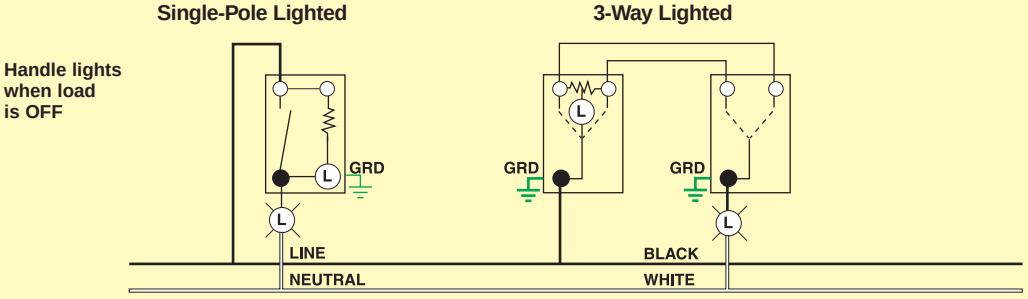
Switch Wiring Diagrams

LEVITON

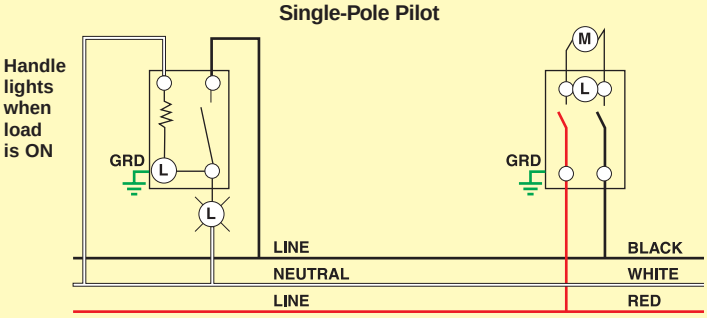
STANDARD TOGGLE TYPE SWITCHES



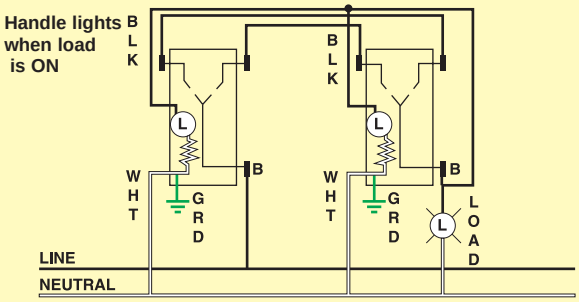
LIGHTED HANDLE SWITCHES



PILOT LIGHT SWITCHES



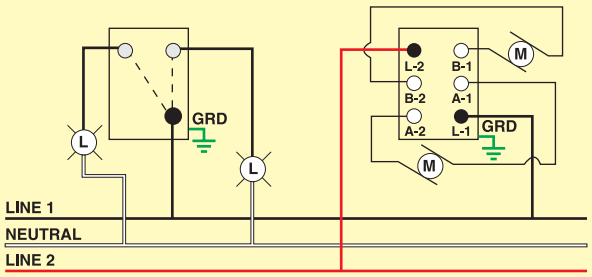
3-WAY PILOT SWITCHES



3-POSITION SWITCHES MOMENTARY AND MAINTAINED

Single-Pole, Double-Throw (SPDT) Center OFF

Double-Pole, Double-Throw (DPDT) Center OFF



B SECTION

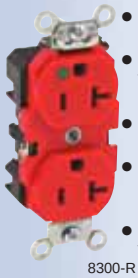
Straight Blade Receptacles

Receptacle Types

LEVITON

Hospital Grade

HOSPITAL SPEC



- 15–20 Amp Duplex & Single Configurations
- Interlocking Thermoplastic Nylon Cover & Body
- Permanent "Green Dot" Marked on Face
- Nickel-Plated Brass Strap with Integral Ground Contacts
- Surge, GFCI, and IG Versions

8300-R

PAGES B3, H3-H10

TAMPER-RESISTANT

- 15–20 Amp Duplex Configurations
- Mechanical Safety Shutter System
- Interlocking Thermoplastic Cover & Body
- Approved for Emergency Circuits and Pediatric/ Psychiatric Care Areas
- Meets NEC Article 517-18C Requirements

8200-SGG

PAGES B3, H3

POWER INDICATION

- 15–20 Amp Configurations
- 100,000 Hr. Green LED Power Status Indicator
- Permanent "Green Dot" Lens
- Suitable for Critical Care Areas and Emergency Circuits
- Nickel-Plated Brass Strap with Integral Ground Contacts
- Back & Side Wired Ground Termination

8300-PLW

PAGES B3, H3

Industrial Grade

INDUSTRIAL SPEC

- 15–20 Amp Duplex & Single Configurations
- Interlocking Thermoplastic Nylon Cover and Body
- Brass Strap with Integral Ground
- Back and Side Wired

5262-E

PAGE B5

ISOLATED GROUND

- 15–20 Amp Duplex & Single Configurations
- Thermoplastic Nylon Cover and Body
- Isolated Grounding Contact
- Permanent "IG" Mark

8310-IG

PAGES B4, B5, H4-H8, L20

SURGE PROTECTION

- 15–20 Amp Duplex, Single and 4-in-1 Configurations
- UL Listed to 1449 and 498 Standards
- Protection Indicator Light and Audible Damage Alarm
- Decora-Style Nylon Face
- Surge with IG Versions

8380-I

PAGES B8, G4, H6, L14

FOUR-IN-ONE

21254-IGI

- 15–20 Amp Configurations
- Hospital, Surge and IG Versions
- Thermoplastic Nylon Face and Body
- Universal Mounting

PAGES B4, B7, H5, L15 & L16

FLANGED OUTLETS

5279-C

- 15–20 Amp Configurations
- Nylon Dead-Front Construction
- Thermoplastic Transparent Wiring Module
- Captive, Color Coded Brass Terminal Screws

PAGES C5 & C6, C12 & C13

POWER INLETS & OUTLETS

- 15–20 Amp Configurations
- Single Unit with Weather Resistant Cover
- Indoor/Outdoor Rated to NEMA 3R and IP64 Standards

5279-FWP

PAGES B23 & E40

Commercial Grade

COMMERCIAL SPEC

- 15–20 Amp Configurations
- Back and Side Wired and Side Wired Only Versions
- Tamper-Resistant Version
- Indented and Smooth Face Versions

PAGE B17–B21

DECORA®-STYLE

- 15–20 Amp Duplex and Single Configurations
- Back and Side Wired
- Hospital Grade,Tamper Resistant, Surge, GFCI, IG & Power Indication Versions
- Decora-Style Face

16362-A

PAGES B8, B15, B16, G5, G6, H7, H8 & L19

BRASS FLOOR BOX

- 15 Amp Single
- Solid Brass Plate and Integrated Single Receptacle
- Brass Screw-In Plug with Rubber O-ring

PAGE B21

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

Receptacle Features

10 YEAR LIMITED WARRANTY

POWER INDICATION™

Exclusive nickel-plated brass, staked on, self-grounding clip, will never fall off

Green LED meets UL498 Hospital Grade identification requirements and offers visual confirmation that the device is energized

Thick-walled impact-resistant thermoplastic nylon cover and body withstands abuse

Large, triple-wipe, nickel plated brass "T" contacts for superior contact and conductivity

Nickel-plated brass bushing for additional assembly security

Face and body locked together with exclusive four-corner latch construction, remains securely fastened

Smooth face, easy to clean and soil resistant

Nickel-plated brass, one piece mounting strap with integral ground contact, for superior ground path

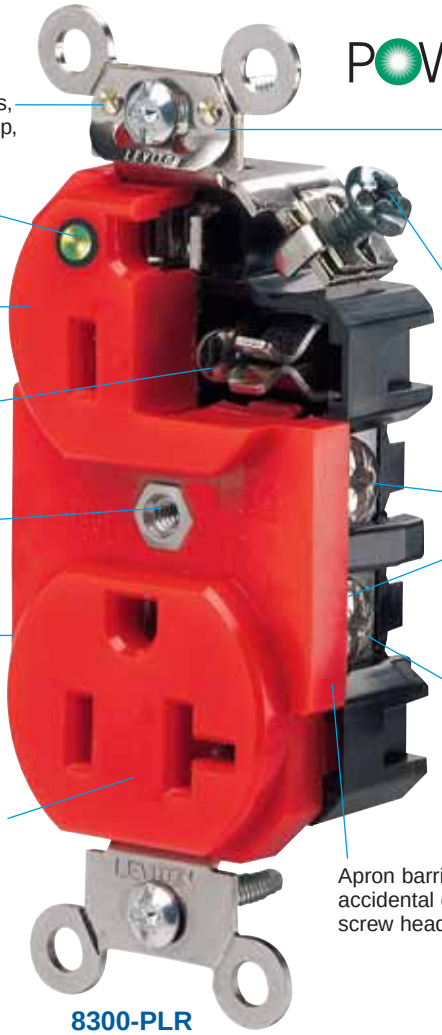
Back and side-wire grounding terminal for quick ground installation

Exclusive triple combination #10-32 nickel-plated brass terminal screws, straight slot, Phillips #2, Robertson #1, for quick, sure terminations

Back and side wiring options

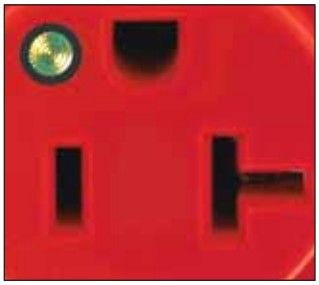
Apron barrier to prevent accidental contact of terminal screw heads with metal box

One-piece mounting strap for superior ground path.

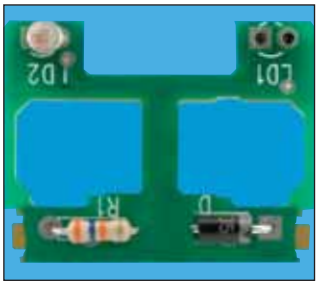


8300-PLR

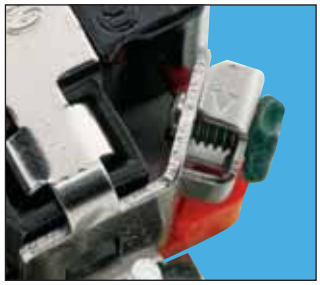
Decora Plus™ Hospital Grade Power Indication Receptacles Also Available



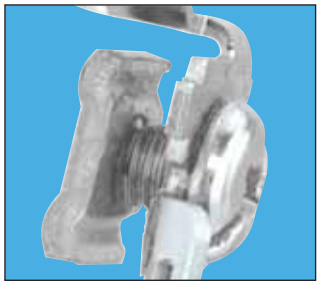
Green LED lens meets UL498 Hospital Grade requirement for identification of HG devices.



Circuit board integrates 100,000 hr. LED and components in a compact fail-safe assembly.



Back or side wired grounding terminal offers wiring flexibility.



Exclusive V-shaped, serrated back-wiring clamps for superior contact and conductivity.

COMPONENT	DESCRIPTION
Face	Nylon
Back	Nylon
Line Contacts	Nickel-Plated Brass
Terminal Screws	Nickel-Plated Brass #10-32
Grounding Screw	Nickel-Plated Brass #8-32
Yoke	Nickel-Plated Brass
Clamp Nuts	Zinc-Plated Steel
Grounding Clip	Nickel-Plated Brass

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498HG	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	✓	#E13393	#LR-406	#057

Power Indicaton Available Colors

8300-PLI
Ivory

8300-PLW
White

8300-PLR
Red

FOR HORSEPOWER RATING INFORMATION, SEE PAGE R11

15A 125V & 250V; 20A 125V & 250V

Hospital Grade

LEVITON

10 YEAR LIMITED WARRANTY

NEMA 5-15R

NEMA 5-20R

NEMA 6-15R

NEMA 6-20R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White,neutral	#14 – #10 AWG	Ratings are permanently marked on device

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498HG	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	#E13399	#152105	#057

AC HORSEPOWER RATINGS			
15A 125V	15A 250V	20A 125V	20A 250V
.5	1.5	1.0	2.0

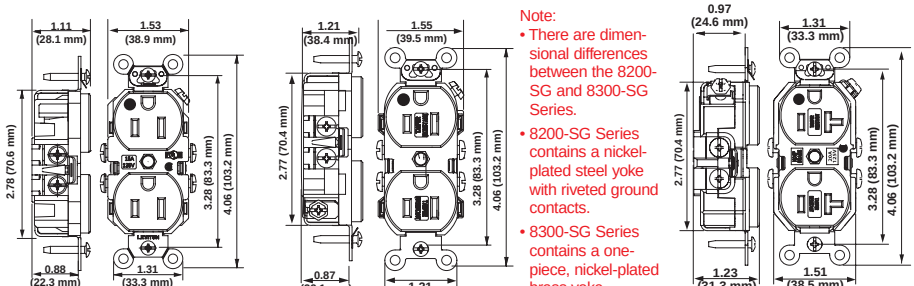
Back & Side Wired, Self-Grounding

8300-E | 8200-HI | 8200-SGG | 8300-SGI | 8200-HLI | 8300-PLW | 8300-L | 8210-R

FACE COLOR	HOSP. GRADE DUPLEX	HOSP. GRD. SLIM DUPLEX	HOSP. GRADE DUPLEX TAMPER RESISTANT	HOSP. GRADE DUPLEX ILLUMINATED	HOSP. GRADE DUPLEX w/Green LED Power Status Indication	HOSP. GRADE DUPLEX w/6" Wire Leads	HOSP. GRADE SINGLE
15A 125V, NEMA 5-15R, 2-P 3-W, Grounding							
Brown	8200	8200-H	8200-SG	–	–	8200-L	8210
Ivory	8200-I	8200-HI	8200-SGI	8200-HLI	8200-PLI	8200-LI	8210-I
White	8200-W	8200-HW	8200-SGW	8200-HLW	8200-PLW	8200-LW	8210-W
Gray	8200-G	8200-HGY	8200-SGG	–	–	8200-LGY	–
Red	8200-R	8200-HR	8200-SGR	8200-HLR	8200-PLR	8200-LR	8210-R
20A 125V, NEMA 5-20R, 2-P 3-W, Grounding							
Brown	8300	8300-H	8300-SG	–	–	8300-L	8310
Ivory	8300-I	8300-HI	8300-SGI	8300-HLI	8300-PLI	8300-LI	8310-I
White	8300-W	8300-HW	8300-SGW	8300-HLW	8300-PLW	8300-LW	8310-W
Gray	8300-G	8300-HGY	8300-SGG	–	–	8300-LGY	8310-G
Red	8300-R	8300-HR	8300-SGR	8300-HLR	8300-PLR	8300-LR	8310-R
Black	8300-E	–	–	–	–	8300-LE	–
Almond	–	–	–	–	–	8300-LA	–

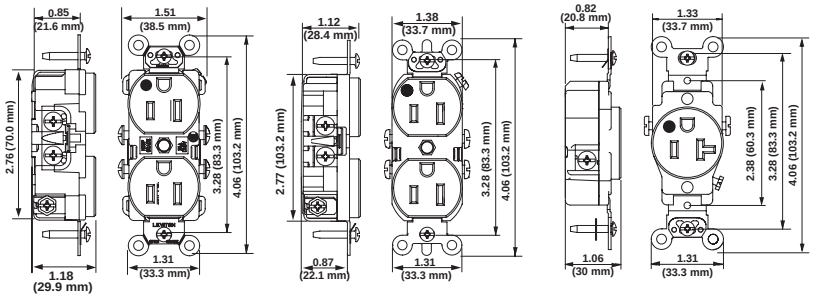
8400-I

FACE COLOR	HOSP. GRD. DUPLEX
15A 250V, NEMA 6-15R	
Brown	8600
Ivory	8600-I
White	–
Gray	–
Red	–
20A 250V, NEMA 6-20R	
Brown	8400
Ivory	8400-I
White	–
Gray	–
Red	–
Black	–



8200, 8300, 8200-PL, 8300-PL, 8400, 8600 | 8200-SG | 8300-SG

Note:
- There are dimensional differences between the 8200-SG and 8300-SG Series.
- 8200-SG Series contains a nickel-plated steel yoke with riveted ground contacts.
- 8300-SG Series contains a one-piece, nickel-plated brass yoke.



8200-H, 8300-H | 8200-HL, 8300-HL | 8210, 8310

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15A 125V; 20A 125V

Hospital Grade

10 YEAR LIMITED WARRANTY

NEMA 5-15R

NEMA 5-20R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot	#14 – #10 AWG	Ratings are permanently marked on device
Grounding	4-in-1	
White,neutral	#14 – #12 AWG	
ENVIRONMENTAL		
FLAMMABILITY	OPERATING TEMP.	
Rated V-2 per UL 94	-40°C to 60°C	

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498HG	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	#E13399	#152105	#057
AC HORSEPOWER RATINGS					
15A 125V	15A 250V	20A 125V	20A 250V		
.5	1.5	1.0	2.0		

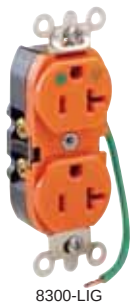
Back & Side Wired

8300-IGI

4-in-1 Side Wired

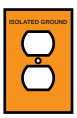
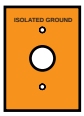
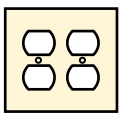
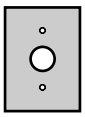
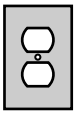
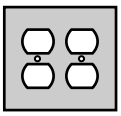
21254-IGI

Split Circuit Not Available
8480-IGI

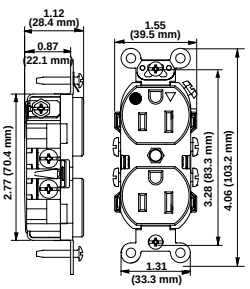

8300-LIG

8310-IG

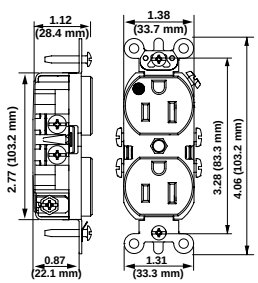
FACE COLOR	HOSPITAL GRADE IG DUPLEX	HOSPITAL GRADE IG 4-IN-1	HOSPITAL GRADE IG 4-IN-1 SURGE	HOSPITAL GRADE IG DUPLEX w/ 6" Lead	HOSPITAL GRADE IG SINGLE w/ 6" Lead
		Refer to page B7 for Device Drawings			
15A 125V, NEMA 5-15R, 2-P 3-W, Grounding					
Brown	8200-IGB	–	–	–	–
Ivory	8200-IGI	1254-IGI	8480-IGI	–	–
White	8200-IGW	1254-IGW	8480-IGW	–	–
Gray	8200-IGG	–	–	–	–
Red	8200-IGR	–	–	–	–
Orange	8200-IG	1254-IG	–	8200-LIG	8210-IG
Blue	–	–	8480-IGB	–	–
20A 125V, NEMA 5-20R, 2-P 3-W, Grounding					
Brown	8300-IGB	–	–	–	–
Ivory	8300-IGI	21254-IGI	8490-IGI	–	–
White	8300-IGW	21254-IGW	–	–	–
Gray	8300-IGG	–	–	–	–
Red	8300-IGR	–	–	–	–
Orange	8300-IG	21254-IG	–	8300-LIG	8310-IG
Blue	–	–	8490-IGB	–	–

NYLON WALLPLATES			302 STAINLESS STEEL WALLPLATES		
					
80703-IG	80704-IG	80716-I	84004-40	84003-40	84016-40

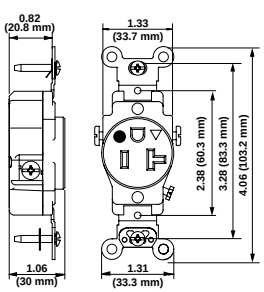
FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



8200-IG, 8300-IG



8200-LIG, 8300-LIG



8210-IG, 8310-IG

15A 125V & 250V; 20A 125V & 250V

LEVITON

Industrial Grade

NEMA 5-15R | NEMA 5-20R | NEMA 6-15R | NEMA 6-20R

10 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

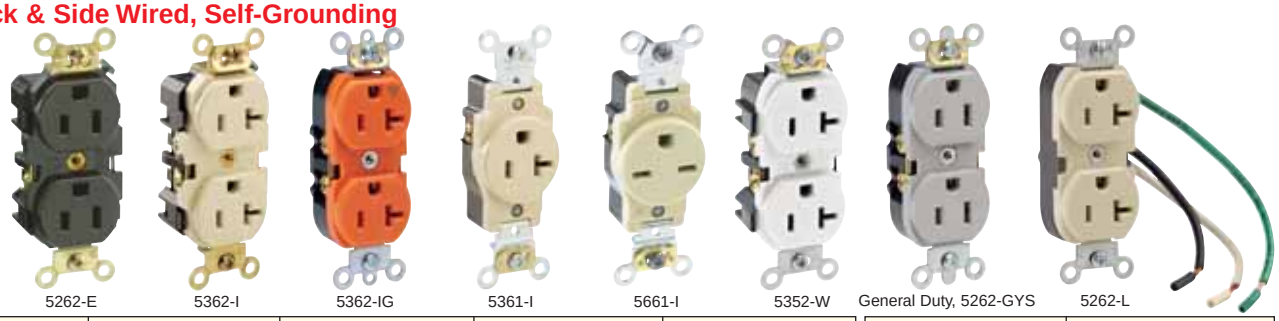
MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White, neutral	#14 – #10 AWG	Ratings are permanently marked on device

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	#E13399	#152105	#057

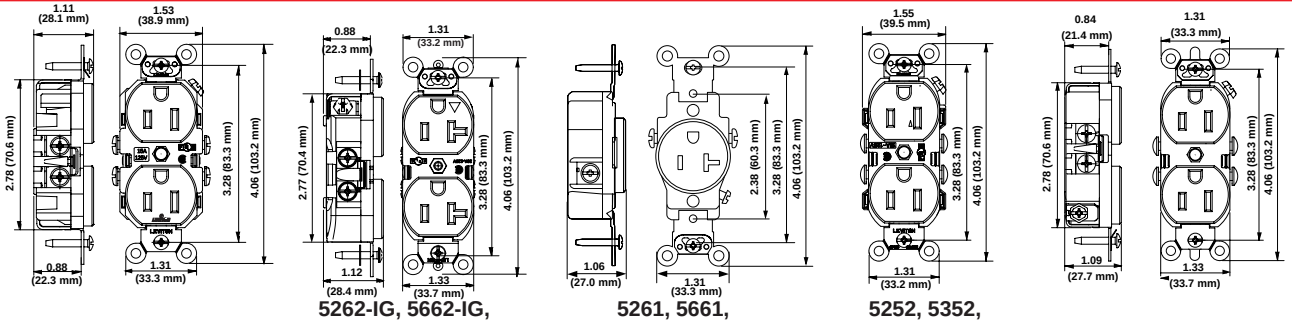
AC HORSEPOWER RATINGS			
15A 125V	15A 250V	20A 125V	20A 250V
.5	1.5	1.0	2.0

Back & Side Wired, Self-Grounding



5262-E | 5362-I | 5362-IG | 5361-I | 5661-I | 5352-W | General Duty, 5262-GYS | 5262-L

FACE COLOR	DUPLEX RECEPTACLE Heavy Duty Single-Piece Brass Strap Combo-Head Brass Terminal Screws Back Wired Ground Screw 8-Hole Feed-Thru	IG DUPLEX RECEPTACLE Multi-Piece Steel Strap Combo-Head Steel Terminal Screws 8-Hole Feed-Thru	SINGLE RECEPTACLE Multi-Piece Steel Strap Combo-Head Steel Terminal Screws	DUPLEX RECEPTACLE NARROW BODY Multi-Piece Steel Strap Combo-Head Steel Terminal Screws 8-Hole Feed-Thru	DUPLEX RECEPTACLE General Duty Multi-Piece Steel Strap Combo-Head Steel Terminal Screws Contractor Pack 2-Year Warranty	DUPLEX RECEPTACLE w/6" Leads General Duty
15A 125V, NEMA 5-15R, 2-P 3-W, Grounding						
Brown	5262	5262-IGB	5261	–	5262-S	5262-L
Ivory	5262-I	5262-IGI	5261-I	5252-I	5262-SI	5262-LI
White	5262-W	5262-IGW	5261-W	5252-W	5262-SW	5262-LW
Gray	5262-GY	5262-IGG	5261-GY	–	5262-GYS	5262-LGY
Almond	–	–	–	–	5262-SA	5262-LA
Red	5262-R	5262-IGR	–	–	5262-SR	5262-LR
Orange	–	5262-IG	–	–	–	–
Black	5262-E	–	–	–	–	5262-LE
Blue	–	–	–	–	5262-SBU	–
15A 250V, NEMA 6-15R, 2-P 3-W, Grounding						
Brown	–	–	5661	5662	–	–
Ivory	–	–	5661-I	5662-I	–	–
Orange	–	5662-IG	–	–	–	–
20A 125V, NEMA 5-20R, 2-P 3-W, Grounding						
Brown	5362	5362-IGB	5361	–	5362-S	5362-L
Ivory	5362-I	5362-IGI	5361-I	5352-I	5362-SI	5362-LI
White	5362-W	5362-IGW	5361-W	5352-W	5362-SW	5362-LW
Gray	5362-GY	5362-IGG	5361-GY	–	5362-GYS	5362-LGY
Almond	–	5362-IGA	5361-A	–	5362-SA	5362-LA
Red	5362-R	5362-IGR	–	–	5362-SR	5362-LR
Orange	–	5362-IG	–	–	–	–
Black	5362-E	–	5361-E	–	–	5362-LE
Blue	–	5362-BIG	–	–	5362-SBU	–
20A 250V, NEMA 6-20R, 2-P 3-W, Grounding						
Brown	–	–	5461	5462	–	–
Ivory	–	–	5461-I	5462-I	–	–
Orange	–	5462-IG	–	–	–	–
Gray	–	–	5461-GY	5462-GY	–	–
Almond	–	–	5461-A	–	–	–



5262, 5362 | 5262-IG, 5662-IG, 5362-IG, 5462-IG | 5261, 5661, 5361, 5461 | 5252, 5352, 5462, 5662 | 5262-S, 5362-S

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15A 125V & 250V; 20A 125V

Industrial Grade

10 YEAR LIMITED WARRANTY

NEMA 5-15R | NEMA 5-20R | NEMA 6-15R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White, neutral	#14 – #10 AWG	Ratings are permanently marked on device

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	#E13399	#152105	#057

AC HORSEPOWER RATINGS			
15A 125V	15A 250V	20A 125V	20A 250V
.5	1.5	1.0	2.0

Side Wired, Self-Grounding

For Combination Duplex Receptacle feed options, see page E39.

4792

5242-W

5292-I

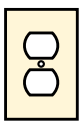
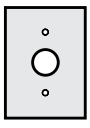
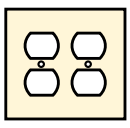
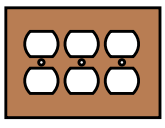
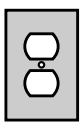
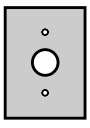
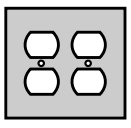
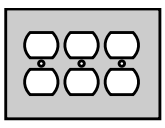
5251

5351-I

5261-CH

FACE COLOR	COMBINATION LOCKING & STRAIGHT BLADE DUPLEX RECEPTACLE; COMMON FEED Back & Side Wired	DUPLEX RECEPTACLE NARROW BODY	SINGLE RECEPTACLE
15A 125V, NEMA 5-15R, 2-P 3-W, Grounding			
Brown	–	5242	5251
Ivory	–	5242-I	5251-I
White	–	5242-W	–
Gray	–	5242-GY	–
Red	–	5242-R	–
Black	4792		
15A 250V, NEMA 6-15R, 2-P 3-W, Grounding			
Brown	–	–	5651
Ivory	–	–	5651-I
White	–	–	5651-W
DUAL VOLTAGE 15A 125V, NEMA 5-15R, 15A 250V, NEMA 6-15R, 2-P 3-W, Grounding - Back & Side Wired			
Brown	–	5292	–
Ivory	–	5292-I	–
20A 125V, NEMA 5-20R, 2-P 3-W, Grounding			
Brown	–	5342	5351
Ivory	–	5342-I	5351-I
White	–	5342-W	–
Gray	–	5342-GY	–

FACE COLOR	SINGLE RECEPTACLE CLOCK HANGER Steel Strap; Stainless Steel Plate Back & Side Wired
15A 125V, NEMA 5-15R, 2-P 3-W, Grounding	
Brown	5261-CH
20A 125V, NEMA 5-20R, 2-P 3-W, Grounding	
Brown	5361-CH

NYLON WALLPLATES				302 STAINLESS STEEL WALLPLATES			
							
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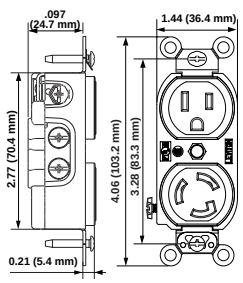
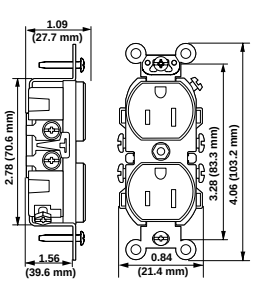
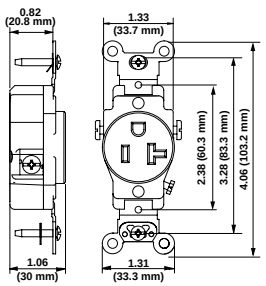
FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



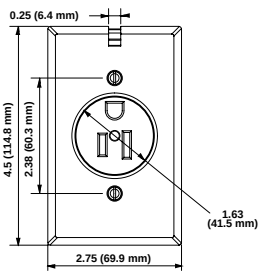
4792



5242, 5342, 5292



5251, 5351, 5651



5261-CH, 5361-CH

15A 125V; 20A 125V

Hospital & Industrial Grade

LEVITON

NEMA 5-15R NEMA 5-20R

10 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C at full rated current after 50 cycles overload at 150% rated current for both AC and DC per UL 498

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White,neutral	#14 – #12 AWG	Ratings are permanently marked on device

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498HG	UL 498	CSA C22.2 No. 42	NOM
✔	✔	#E13399	#E13399	#152105	#057

AC HORSEPOWER RATINGS			
15A 125V	15A 250V	20A 125V	20A 250V
.5	1.5	1.0	2.0

Side Wired

FOUR IN ONE RECEPTACLE™ A MULTI-PURPOSE SPACE SAVING DEVICE

For clamping and performance data refer to page B8.

21254-HI

Split Circuit Not Available
5490-BU

Split Circuit Not Available
8480-IGI

Split Circuit Not Available
8490-R

FACE COLOR	INDUSTRIAL GRADE	HOSPITAL GRADE	HOSPITAL GRADE IG	INDUSTRIAL GRADE SURGE Indicator Light	INDUSTRIAL GRADE IG, SURGE Indicator Light	HOSPITAL GRADE IG, SURGE Indicator Light	HOSPITAL GRADE SURGE Indicator Light
15A 125V, NEMA 5-15R, 2-P 3-W, Grounding							
Brown	1254	1254-H	–	–	–	–	–
Ivory	1254-I	1254-HI	1254-IGI	5480-I	–	8480-IGI	8480-I
White	1254-W	1254-HW	1254-IGW	5480-W	–	8480-IGW	8480-W
Gray	–	–	–	5480-GY	–	–	–
Red	1254-R	1254-HR	–	–	–	–	8480-R
Black	1254-E	–	–	–	–	–	–
Orange	–	–	1254-IG	–	5480-IG	8480-IG	–
Blue	–	–	–	5480-BU	–	8480-IGB	–
20A 125V, NEMA 5-20R, 2-P 3-W, Grounding							
Brown	21254	21254-H	–	–	–	–	–
Ivory	21254-I	21254-HI	21254-IGI	5490-I	–	8490-IGI	8490-I
White	21254-W	21254-HW	21254-IGW	5490-W	–	–	8490-W
Gray	21254-GY	21254-HGY	–	5490-GY	–	–	–
Red	21254-R	21254-HR	–	–	–	–	8490-R
Black	21254-E	–	–	–	–	–	–
Orange	–	–	21254-IG	–	5490-IG	8490-IG	–
Blue	–	–	–	5490-BU	–	8490-IGB	–
Yellow	21254-Y	–	–	–	–	–	–

Four-In-One Adapter Plates

PLATE COLOR	ADAPTER PLATE
Brown	3254
Ivory	3254-I
White	3254-W
Gray	3254-GY
Red	3254-R
Black	3254-E
Orange	3254-OR
Blue	3254-BLU

Four-In-One Portable Boxes

Accepts #16/3 AWG Type SJ to #12/3 AWG Type SO COPPER Only.

BOX COLOR	PORTABLE BOX
Ivory	4254-I
Gray	4254-GY
Black	4254-E
Orange	4254-OR
Blue	4254-BLU
Yellow	4254-Y

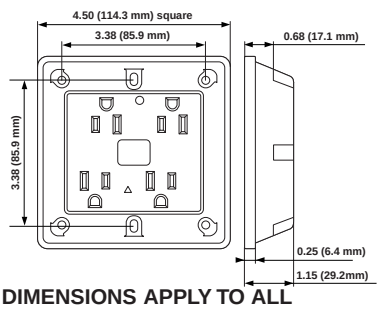
Portable boxes are not UL Listed.

Mounts Directly

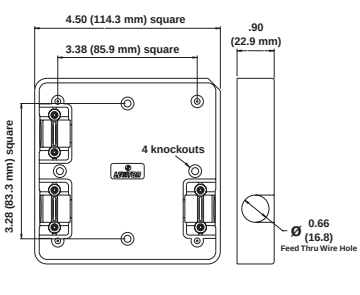
Single-Gang

4" Octagon

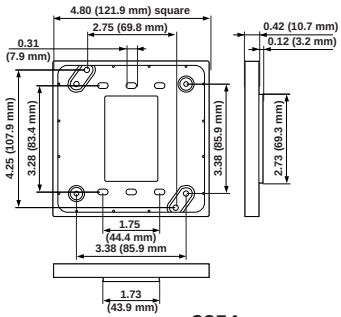
4" Square



DIMENSIONS APPLY TO ALL FOUR-IN-ONE RECEPTACLES



4254



3254

Mounts with Adapter Plate

2-Gang

4 11/16" Square

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

15A 125V; 20A 125V

Hospital & Industrial Grade

10 YEAR LIMITED WARRANTY

NEMA 5-15R NEMA 5-20R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White,neutral	#14 – #10 AWG	Ratings are permanently marked on device

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498HG	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	—	#152105	#057

AC HORSEPOWER RATINGS			
15A 125V	15A 250V	20A 125V	20A 250V
.5	1.5	1.0	2.0

Back & Side Wired

UL 498HG does not apply to Industrial Grade receptacles.

8380-I

8380-IGO

8381-IGI

7280-I Back View

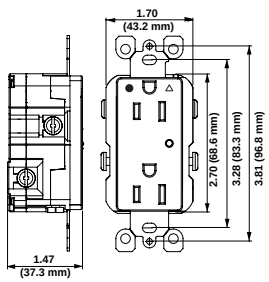
5280

5380-IGB

FACE COLOR	HOSPITAL GRADE SURGE, DUPLEX Indicator Light, Audible Alarm	HOSPITAL GRADE SURGE, SINGLE Indicator Light, Audible Alarm	HOSPITAL GRADE IG, SURGE, DUPLEX Indicator Light, Audible Alarm	HOSPITAL GRADE IG, SURGE, SINGLE Indicator Light, Audible Alarm	INDUSTRIAL GRADE SURGE, DUPLEX Indicator Light, Audible Alarm	INDUSTRIAL GRADE SURGE, DUPLEX Indicator Light	INDUSTRIAL GRADE IG, SURGE, DUPLEX Indicator Light
15A 125V, NEMA 5-15R, 2-P 3-W, Grounding							
Brown	8280	–	–	–	7280	5280	–
Ivory	8280-I	–	8280-IGI	8281-IGI	7280-I	5280-I	5280-IGI
White	8280-W	–	8280-IGW	–	7280-W	5280-W	5280-IGW
Gray	–	–	8280-IGG	–	7280-GY	5280-GY	5280-IGG
Red	8280-R	–	–	–	–	–	–
Blue	8280-B	–	8280-IGB	–	7280-B	5280-B	5280-IGB
Orange	–	–	8280-IGO	8281-IGO	–	–	5280-IGO
Almond	8280-A	–	–	–	7280-A	5280-A	5280-IGA
Lt. Almond	8280-T	–	–	–	–	5280-T	–
20A 125V, NEMA 5-20R, 2-P 3-W, Grounding							
Brown	8380	8381	–	–	7380	5380	–
Ivory	8380-I	8381-I	8380-IGI	8381-IGI	7380-I	5380-I	5380-IGI
White	8380-W	8381-W	8380-IGW	8381-IGW	7380-W	5380-W	5380-IGW
Gray	8380-GY	8381-GY	8380-IGG	–	7380-GY	5380-GY	5380-IGG
Red	8380-R	8381-R	–	–	–	–	–
Blue	8380-B	–	–	8381-IGB	7380-B	5380-B	5380-IGB
Orange	–	–	8380-IGO	–	–	–	5380-IGO

PERFORMANCE DATA				
OPERATING FREQUENCY	MAXIMUM CONTINUOUS OPERATING VOLTAGE (MCOV)	MAXIMUM SINGLE-PULSE (10x1000µs) Joules	MAXIMUM SINGLE-PULSE (8x20µs) L-N/L-G/N-G	EMI-RFI NOISE REJECTION @ 50 Ohms 500K - 30MHz
50, 60Hz	150V rms	720	24kA/12kA/12kA	-30dB

CLAMPING PERFORMANCE
UL 1449 SUPPRESSED VOLTAGE RATINGS (SVR) Assigned at 6" lead length with 6kV/500A impulse in accordance w/ UL 1449 (2nd Ed.)
400/400/400Vpk



APPLIES TO ALL RECEPTACLES ON THIS PAGE

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

20A 120/208V 3ØY; 30A 125V

LEVITON

Industrial Grade

10 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	30°C max at full rated current after 50 cycles overload at 150% rated current for both AC and DC per UL 498

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White, neutral	Up to #4 AWG	Ratings are permanently marked on device

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD6	ANSI C-73	UL 498	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	—	#152105	#057

AC HORSEPOWER RATINGS	
20A 120/208V 3Ø	30A 125V
2.0	2.0

For specifications on Matching Angle Plugs, see Section C.

7250-FR

5371

5371-IG

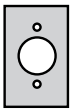
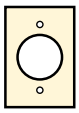
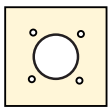
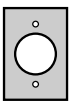
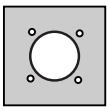
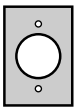
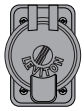
7313

9530-P

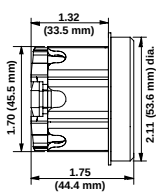
FACE COLOR	FLUSH MOUNT RECEPTACLE	NEMA 18-20R	MATCHING ANGLE PLUG	NEMA 18-20P
20A 120/208V 3ØY, 4-P 4-W, Non-Grounding				
Black	7250-FR		7251-C	

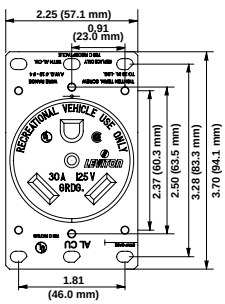
FACE COLOR	FLUSH MOUNT RECEPTACLE	TT TT-30R	MATCHING ANGLE PLUG	TT TT-30P
30A 125V, 2-P 3-W, Grounding (For Recreational Vehicles)				
Black	7313		830-T	

FACE COLOR	FLUSH MOUNT RECEPTACLE	NEMA 5-30R	FLUSH MOUNT ISOLATED GRD. RECEPTACLE	NEMA 5-30R	MATCHING ANGLE PLUG	NEMA 5-30P
30A 125V, 2-P 3-W, Grounding						
Black Orange	5371 –		– 5371-IG		9530-P –	

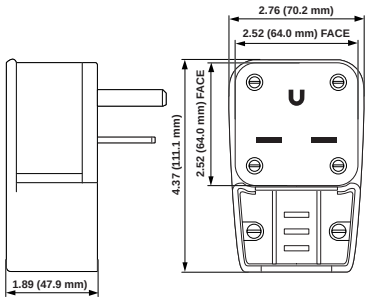
STAINLESS STEEL Use with 7250	NYLON WALLPLATES			430 STAINLESS STEEL WALLPLATES		ALUMINUM WALLPLATES	GRAY LEXAN FLIP LID COVER
1.41" Dia.	2.15" Dia. Openings			2.15" Dia. Openings			
							 IP64 Rated Includes Gasket and Screws
84004	80728-E	80728-I	80726-I	84028	84026	83028	WP2

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q





DIMENSIONS APPLY TO 7313, 5371 & 5371-IG



DIMENSIONS APPLY TO 9530-P

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

30A 250V & 277V; 30A 125/250V

Industrial Grade

10 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	30°C max at full rated current after 50 cycles overload at 150% rated current for both AC and DC per UL 498

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White,neutral	Up to #4 AWG	Ratings are permanently marked on device

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD6	ANSI C-73	UL 498	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✔	✔	#E13399	—	#152105	#057

AC HORSEPOWER RATINGS		
30A 250V	30A 277V	30A 125/250V
2.0	3.0	2.0

For specifications on Matching Angle Plugs, see Section C.

5372

5376

9730-A

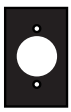
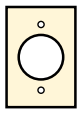
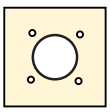
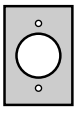
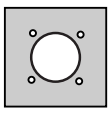
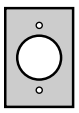
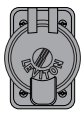
5207

5054

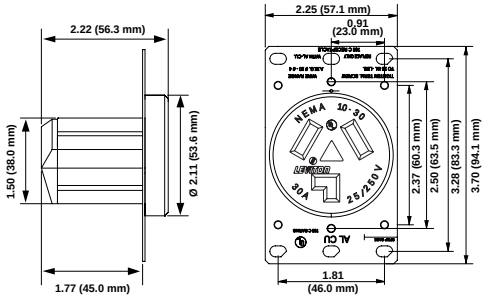
FACE COLOR	FLUSH MOUNT RECEPTACLE	NEMA 6-30R	FLUSH MOUNT ISOLATED GRD.	NEMA 6-30R	SURFACE MNT. RECEPTACLE	NEMA 6-30R	MATCHING ANGLE PLUG	NEMA 6-30P
30A 250V, 2-P 3-W, Grounding								
Black	5372		–		5376		9630-P	
Orange	–		5372-IG		–		–	

FACE COLOR	FLUSH MOUNT RECEPTACLE	NEMA 7-30R	MATCHING ANGLE PLUG	NEMA 7-30P
30A 277V, 2-P 3-W, Grounding				
Black	9730-A		9730-P	

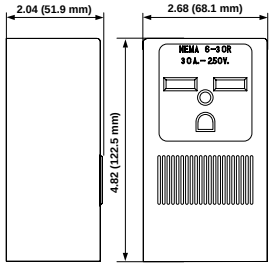
FACE COLOR	FLUSH MOUNT RECEPTACLE	NEMA 10-30R	SURFACE MNT. RECEPTACLE	NEMA 10-30R	MATCHING ANGLE PLUG	NEMA 10-30P
30A 125/250V, 3-P 3-W, Non-Grounding						
Black	5207		5054		9332-P	

NYLON WALLPLATES			430 STAINLESS STEEL WALLPLATES		ALUMINUM WALLPLATES	GRAY LEXAN FLIP LID COVER
2.15" Dia. Openings			2.15" Dia. Openings			
						 IP64 Rated Includes Gasket and Screws
80728-E	80728-I	80726-I	84028	84026	83028	WP2

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



DIMENSIONS APPLY TO ALL FLUSH RECEPTACLES ON THIS PAGE



DIMENSIONS APPLY TO ALL SURFACE MNT. RECEPTACLES ON THIS PAGE

30A 125/250V; 30A 250V 3Ø
30A 120/208V 3Ø

LEVITON

10 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	30°C max at full rated current after 50 cycles overload at 150% rated current for both AC and DC per UL 498

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White,neutral	Up to #4 AWG	Ratings are permanently marked on device
ENVIRONMENTAL		
FLAMMABILITY	OPERATING TEMP.	
Rated V-2 per UL 94	-40°C to 60°C	

STANDARDS & CERTIFICATIONS					
NEMA WD6	ANSI C-73	UL 498	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	—	#152105	#057

AC HORSEPOWER RATINGS		
30A 125/250V	30A 250V 3ø	30A 120/208V 3ø
2.0	3.0	3.0

For specifications on Matching Angle Plugs, see Section C.

55054

278-PM

8430

8330

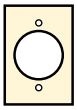
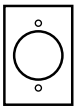
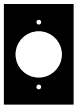
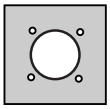
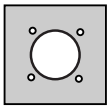
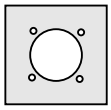
278-IG

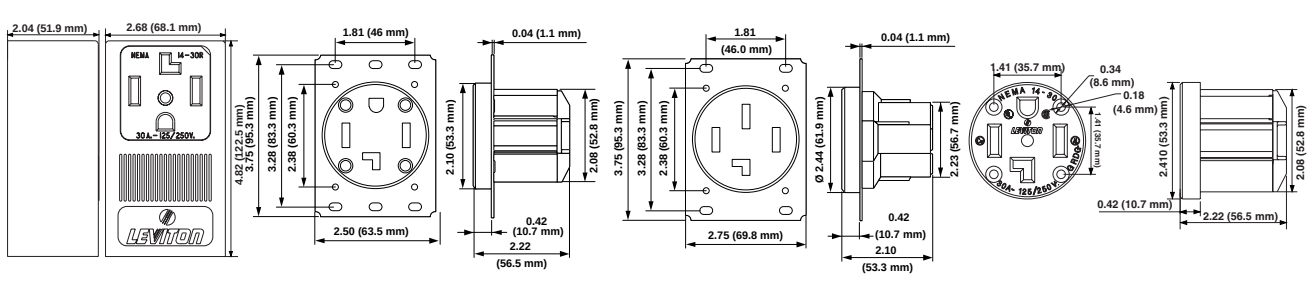
FACE COLOR	FLUSH MOUNT RECEPTACLE	NEMA 14-30R	FLUSH MOUNT ISOLATED GRD.	NEMA 14-30R	PANEL MOUNT RECEPTACLE	NEMA 14-30R	SURFACE MNT. RECEPTACLE	NEMA 14-30R	MATCHING ANGLE PLUG	NEMA 14-30P
30A 125/250V, 3-P 4-W, Grounding										
Black	278†		–		278-PM		55054		9432-P	
Orange	–		278-IG†		–		–		–	

†Fits 2.15" Dia. Openings — See page B16

FACE COLOR	FLUSH MOUNT RECEPTACLE	NEMA 15-30R	MATCHING ANGLE PLUG	NEMA 15-30P
30A 250V 3ØY, 3-P 4-W, Grounding				
Black	8430		8432-P	

FACE COLOR	FLUSH MOUNT RECEPTACLE	NEMA 18-30R	MATCHING ANGLE PLUG	NEMA 18-30P
30A 120/208V 3ØY, 4-P 4-W, Non-Grounding				
Black	8330		8332-P	

NYLON WALLPLATES			302 STAINLESS STEEL WALLPLATES	430 STAINLESS STEEL WALLPLATES	STEEL ALUMINUM FINISH
2.465" Dia. Openings					
					
80532-I	80532-W	80532-E	S701-40	S701	S701-GY
FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q					



55054 | 278, 278-IG | 8330 | 278-PM

50A 125V & 250V; 50A 277V

Industrial Grade

10 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	30°C max at full rated current after 50 cycles overload at 150% rated current for both AC and DC per UL 498

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White,neutral	Up to #4 AWG	Ratings are permanently marked on device

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	—	#152105	#057

AC HORSEPOWER RATINGS		
50A 125V	50A 250V	50A 277V
2.0	3.0	5.0

For specifications on Matching Angle Plugs, see Section C.

5373

5374

9750

5374

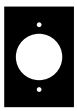
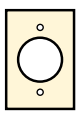
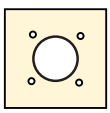
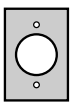
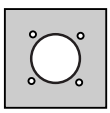
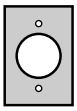
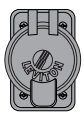
5374-IG

5378

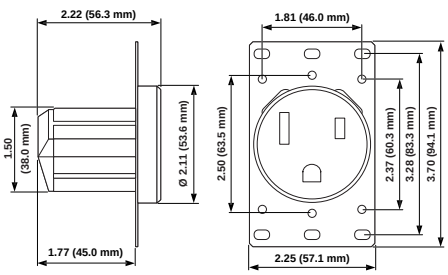
FACE COLOR	FLUSH MOUNT RECEPTACLE	NEMA 5-50R	MATCHING ANGLE PLUG	NEMA 5-50P
50A 125V, 2-P 3-W, Grounding				
Black	5373		9550-P	

FACE COLOR	FLUSH MOUNT RECEPTACLE	NEMA 6-50R	FLUSH MOUNT ISOLATED GRD.	NEMA 6-50R	SURFACE MNT. RECEPTACLE	NEMA 6-50R	MATCHING ANGLE PLUG	NEMA 6-50P
50A 250V, 2-P 3-W, Grounding								
Black	5374		–		5378		9650-P	
Orange	–		5374-IG		–		–	

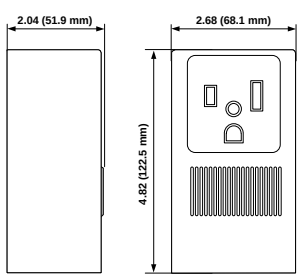
FACE COLOR	FLUSH MOUNT RECEPTACLE	NEMA 7-50R	MATCHING ANGLE PLUG	NEMA 7-50P
50A 277V, 2-P 3-W, Grounding				
Black	9750-A		9750-P	

NYLON WALLPLATES			430 STAINLESS STEEL WALLPLATES		ALUMINUM WALLPLATES	GRAY LEXAN FLIP LID COVER
2.15" Dia. Openings						
						 IP64 Rated Includes Gasket and Screws
80528-BLK	80728-I	80726-I	84028	84026	83028	WP2

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



5373,5374, 5373-IG, 9750



5378

50A 125/250V; 50A 250V
50A 250V 3Ø

LEVITON

10 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	30°C max at full rated current after 50 cycles overload at 150% rated current for both AC and DC per UL 498

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White,neutral	Up to #4 AWG	Ratings are permanently marked on device

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD6	ANSI C-73	UL 498	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	—	#152105	#057

AC HORSEPOWER RATINGS		
50A 125/250V	50A 125/250V	50A 250V 3ø
3.0	3.0	7.5

For specifications on Matching Angle Plugs, see Section C.

5206

5050

279

279-PM

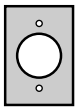
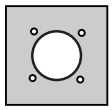
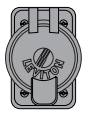
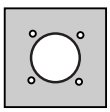
8450

55050

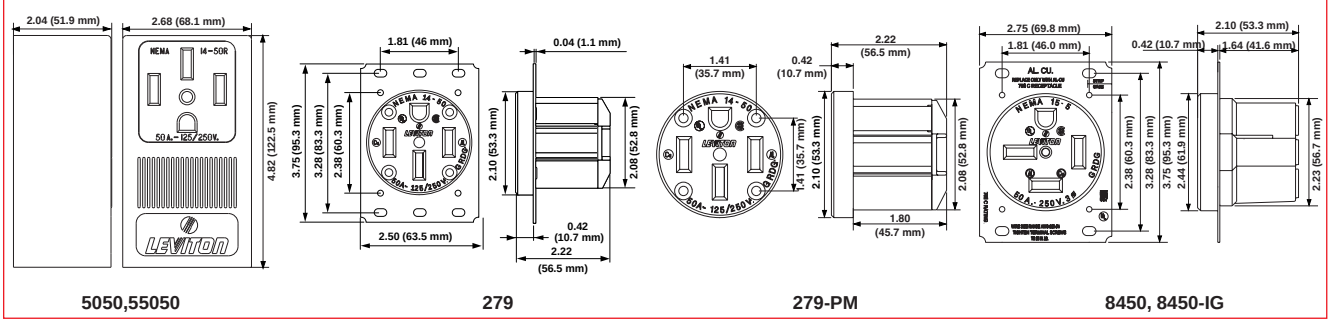
FACE COLOR	FLUSH MOUNT RECEPTACLE	NEMA 10-50R	SURFACE MNT. RECEPTACLE	NEMA 10-50R	MATCHING ANGLE PLUG	NEMA 10-50P
50A 125/250V, 3-P 3-W, Non-Grounding						
Black	5206		5050		9450-P	

FACE COLOR	FLUSH MOUNT RECEPTACLE	NEMA 14-50R	PANEL MOUNT RECEPTACLE	NEMA 14-50R	SURFACE MNT. RECEPTACLE	NEMA 14-50R	MATCHING ANGLE PLUG	NEMA 14-50P
50A 125/250V, 3-P 4-W, Grounding								
Black Orange	279 –		279-PM –		55050 –		9452-P –	

FACE COLOR	FLUSH MOUNT RECEPTACLE	NEMA 15-50R	MATCHING ANGLE PLUG	NEMA 15-50P
50A 250V 3Ø, 3-P 4-W, Grounding				
Black Orange	8450 8450-IG (Isolated Ground)		8452-P –	

420 STAINLESS STEEL WALLPLATES Use with 5206 and 279	WEATHER RESISTANT COVERS GLASS FILLED THERMOPLASTIC Use with 5206	302 STAINLESS STEEL Use with 8450-A
2.15" Dia. Openings		2.465" Dia. Openings
 84028  84026	 IP64 Rated Includes Gasket and Screws WP2	 S701-40

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



5050,55050 279 279-PM 8450, 8450-IG

50A 120/208V 3ØY; 60A 125/250V 60A 250V 3Ø; 60A 120/208V

10 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	30°C max at full rated current after 50 cycles overload at 150% rated current for both AC and DC per UL 498

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White,neutral	Up to #4 AWG	Ratings are permanently marked on device

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD6	ANSI C-73	UL 498	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	—	#152105	#057

AC HORSEPOWER RATINGS			
50A 120/208V 3ØY	60A 125/250V	60A 250V 3Ø	60A 120/280 3ØY
7.5	3.2	10	7.5

For specifications on Matching Angle Plugs, see Section C.

8350

8360

9460

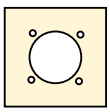
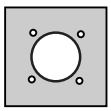
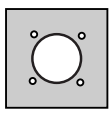
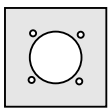
9462-P

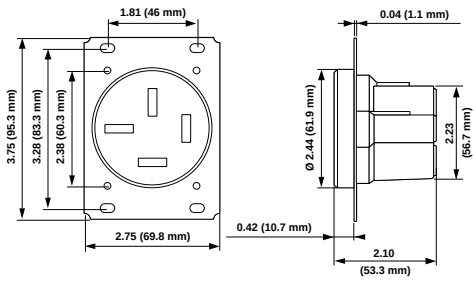
FACE COLOR	FLUSH MOUNT RECEPTACLE	NEMA 18-50R	MATCHING ANGLE PLUG	NEMA 18-50P
50A 120/208V 3ØY, 4-P 4-W, Non-Grounding				
Black	8350		8352-P	

FACE COLOR	FLUSH MOUNT RECEPTACLE	NEMA 14-60R	MATCHING ANGLE PLUG	NEMA 14-60P
60A 125/250V, 3-P 4-W, Grounding				
Black Orange	9460 9460-IG		9462-P –	

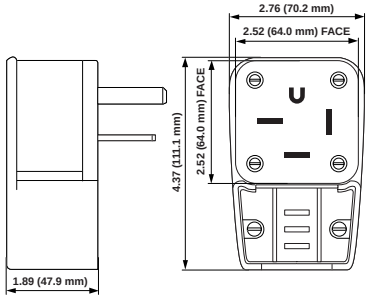
FACE COLOR	FLUSH MOUNT RECEPTACLE	NEMA 15-60R	MATCHING ANGLE PLUG	NEMA 15-60P
60A 250V 3Ø, 3-P 4-W, Grounding				
Black Orange	8460 8460-IG (Isolated Ground)		8462-P –	

FACE COLOR	FLUSH MOUNT RECEPTACLE	NEMA 18-60R	MATCHING ANGLE PLUG	NEMA 18-60P
60A 120/208V 3ØY, 4-P 4-W, Non-Grounding				
Black	8360		8362-P	

PLASTIC WALLPLATES	NYLON WALLPLATES	302 STAINLESS STEEL WALLPLATES	430 STAINLESS STEEL WALLPLATES	STEEL ALUMINUM FINISH
2.465" Dia. Holes				
				
80530-BLK	80530-I	S701-40	S701	S701-GY
FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q				



8350, 8360, 8460, 8460-IG, 9460



8462-P

15A 125V & 250V

Hospital & Commercial Grade

NEMA 5-15R NEMA 6-15R

10 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White,neutral	#14 – #10 AWG	Ratings are permanently marked on device

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

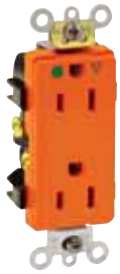
STANDARDS & CERTIFICATIONS					
NEMA WD6	ANSI C-73	UL 498	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	—	#152105	#057

AC HORSEPOWER RATINGS			
15A 125V	15A 250V	20A 125V	20A 250V
.5	1.5	1.0	2.0

Back & Side Wired, Self-Grounding

16262-HGR

16262-SGW


16262-IG

16262-PLI

7599-HGI

Note: This device meets UL Fed Spec WC-596 Requirements

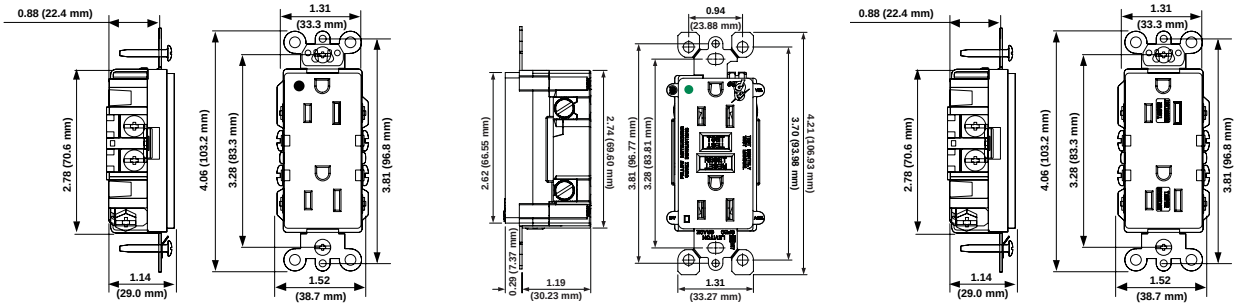
DR15S-GI

16262-E

FACE COLOR	HOSP. GRADE DUPLEX	HOSP. GRADE DUPLEX TAMPER-RESISTANT	HOSP. GRADE IG DUPLEX Self-Grounding Does Not Apply	HOSP. GRADE DUPLEX w/Green LED Power Indicator	HOSP. GRADE SMARTLOCK*PRO*® w/ LED – GFCI DUPLEX w/ LOCKOUT	COMM. GRADE DUPLEX TAMPER-RESISTANT	COMM. GRADE DUPLEX
15A 125V, NEMA 5-15R, 2-P 3-W, Grounding							
Brown	–	16262-SG	16262-IGB	–	7599-HG	–	16262
Ivory	16262-HGI	16262-SGI	16262-IGI	16262-PLI	7599-HGI	DR15S-GI	16262-I
White	16262-HGW	16262-SGW	16262-IGW	16262-PLW	7599-HGW	DR15S-GW	16262-W
Gray	16262-HGG	–	–	–	7599-HGG	–	16262-GY
Red	16262-HGR	16262-SGR	16262-IGR	16262-PLR	7599-HGR	–	–
Black	–	–	–	–	–	–	16262-E
Orange	–	–	16262-IG	–	–	–	–
Almond	–	–	–	–	7599-HGA	DR15S-GA	–
Lt. Almond	–	–	–	–	7599-HGT	–	–
15A 250V, NEMA 6-15R, 2-P 3-W, Grounding							
Ivory	16662-HGI	–	–	–	–	–	16662-I
White	16662-HGW	–	–	–	–	–	16662-W

SEE SECTION F FOR ADDITIONAL GFCI's

- Meets or Exceeds UL, 2006 Requirements
- SmartLock*PRO*® GFCI Prevents Reset in Case of Line-Load Reverse Wiring
- Greater Protection Against Loss of Ground Fault Protection Due to Surges, Abuse and Overvoltages
- Device Prevents Reset If Its Protective Function Has Been Compromised



APPLIES TO 16262 SERIES RECEPTACLES | 7599-HG SERIES | DR15S SERIES

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

20A 125V & 250V

Hospital & Commercial Grade

10 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White,neutral	#14 – #10 AWG	Ratings are permanently marked on device
ENVIRONMENTAL		
FLAMMABILITY	OPERATING TEMP.	
Rated V-2 per UL 94	-40°C to 60°C	

STANDARDS & CERTIFICATIONS					
NEMA WD6	ANSI C-73	UL 498	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	—	#152105	#057
AC HORSEPOWER RATINGS					
15A 125V	15A 250V	20A 125V	20A 250V		
.5	1.5	1.0	2.0		

Back & Side Wired, Self-Grounding

16362-HGI

16362-IG

16362-PLR

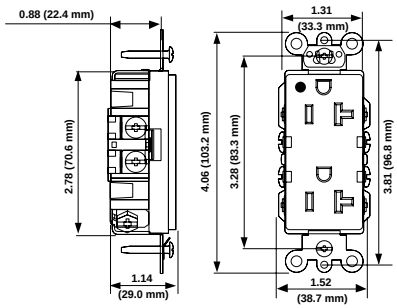
7899-HGA

16362-A

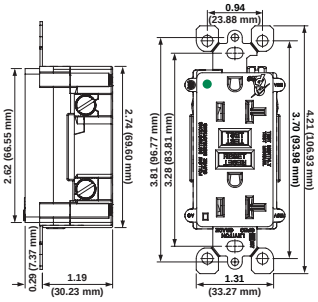
FACE COLOR	HOSP. GRADE DUPLEX	HOSP. GRADE IG DUPLEX Self-Grounding Does Not Apply	HOSP. GRADE DUPLEX w/Green LED Power Indicator	HOSP. GRD. SMARTLOCK® PRO w/ LED - GFCI DUPLEX w/ LOCKOUT Meets 2003 UL Requirements	COMM. GRADE DUPLEX
20A 125V, NEMA 5-20R, 2-P 3-W, GROUNDING					
Brown	–	16362-IGB	–	7899-HG	16362
Ivory	16362-HGI	16362-IGI	16362-PLI	7899-HGI	16362-I
White	16362-HGW	16362-IGW	16362-PLW	7899-HGW	16362-W
Gray	16362-HGG	16362-IGG	–	7899-HGG	16362-GY
Red	16362-HGR	16362-IGR	16362-PLR	7899-HGR	16362-R
Orange	–	16362-IG	–	–	–
Almond	–	–	–	7899-HGA	16362-A
Lt. Almond	–	–	–	7899-HGT	–
20A 250V, NEMA 6-20R, 2-P 3-W, GROUNDING					
Ivory	16462-HGI	–	–	–	16462-I
White	16462-HGW	–	–	–	16462-W
Black	–	–	–	–	16462-E

SEE SECTION F FOR ADDITIONAL GFCI's

- Meets or Exceeds UL, 2006 Requirements
- SmartLock*PRO*® GFCI Prevents Reset in Case of Line-Load Reverse Wiring
- Greater Protection Against Loss of Ground Fault Protection Due to Surges, Abuse and Overvoltages
- Device Prevents Reset If Its Protective Function Has Been Compromised



APPLIES TO 16362 SERIES RECEPTACLES



7899-HG SERIES

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

15A 125V & 250V; 20A 125V & 250V

LEVITON

Commercial Grade

NEMA 5-15R NEMA 5-20R NEMA 6-15R NEMA 6-20R

2 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	30°C max at full rated current after 100 cycles overload at 150% rated current for both AC and DC per UL 498

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White,neutral	#14 – #10 AWG	Ratings are permanently marked on device

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD6	ANSI C-73	UL 498	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	—	#152105	#057

AC HORSEPOWER RATINGS			
15A 125V	15A 250V	20A 125V	20A 250V
.5	1.5	1.0	2.0

Back & Side Wired, Self-Grounding

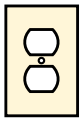
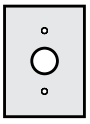
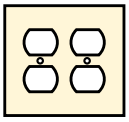
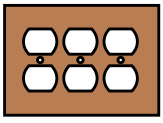
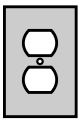
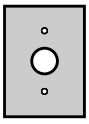
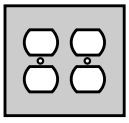
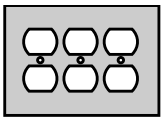
BR15-I

5088-A

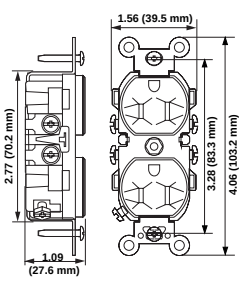
5098

5089-I

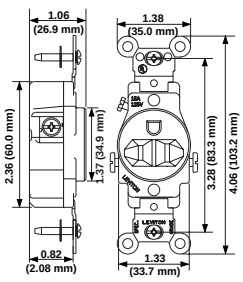
FACE COLOR	DUPLEX RECEPTACLE	SINGLE RECEPTACLE	DUPLEX RECEPTACLE	SINGLE RECEPTACLE
	15A 125V, NEMA 5-15R, 2-P 3-W, Grounding		15A 250V, NEMA 6-15R, 2-P 3-W, Grounding	
Brown	BR15	5088	5098	5089
Ivory	BR15-I	5088-I	5098-I	5089-I
White	BR15-W	–	–	–
Gray	BR15-GY	–	–	–
Almond	BR15-A	5088-A	–	–
Black	BR15-E	–	–	–
	20A 125V, NEMA 5-20R, 2-P 3-W, Grounding		20A 250V, NEMA 6-20R, 2-P 3-W, Grounding	
Brown	BR20	5891	5824	5823
Ivory	BR20-I	–	5824-I	5823-I
White	BR20-W	5891-W	–	–
Gray	BR20-GY	–	–	–
Almond	BR20-A	–	–	–
Black	BR20-E	–	–	–

NYLON WALLPLATES				302 STAINLESS STEEL WALLPLATES			
							
80703-I	80704-GY	80716-I	80730	84003-40	84004-40	84016-40	84030-40

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



BR15, BR20



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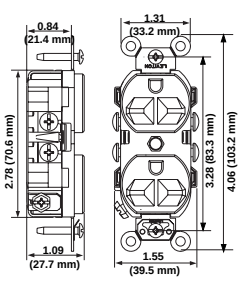
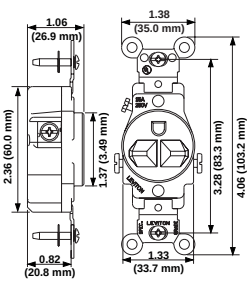


5098, 5824



5089, 5823

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15A 125V & 250V; 20A 125V & 250V

Commercial Grade

2 YEAR LIMITED WARRANTY

NEMA 5-15R | NEMA 5-20R | NEMA 6-15R | NEMA 6-20R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	30°C max at full rated current after 100 cycles overload at 150% rated current for both AC and DC per UL 498

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White,neutral	#14 – #10 AWG	Ratings are permanently marked on device

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD6	ANSI C-73	UL 498	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	—	#152105	#057

AC HORSEPOWER RATINGS			
15A 125V	15A 250V	20A 125V	20A 250V
.5	1.5	1.0	2.0

Back & Side Wired, Self-Grounding

5031-I

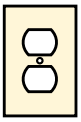
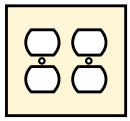
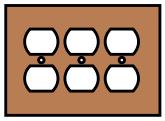
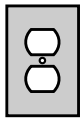
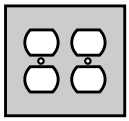
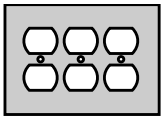
5842-I

5844

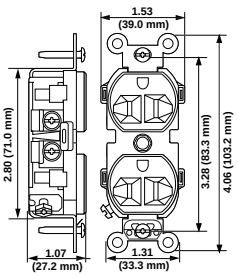
FACE COLOR	DUPLEX RECEPTACLE, NARROW BODY, SIDE WIRED DUAL VOLTAGE	NEMA 5-15R	NEMA 6-15R
15A 125V/15A 250V, 2-P 3-W, Grounding			
Brown Ivory White	5031 5031-I 5031-W		

FACE COLOR	DUPLEX RECEPTACLE, NARROW BODY, SIDE WIRED DUAL VOLTAGE	NEMA 5-20R	NEMA 6-20R
20A 125V/20A 250V, 2-P 3-W, Grounding			
Brown Ivory	5842 5842-I		

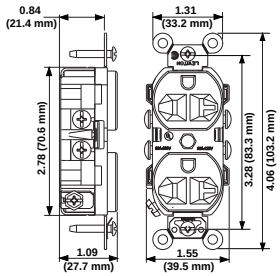
FACE COLOR	DUPLEX RECEPTACLE, WIDE BODY, BACK & SIDE WIRED, 8-Hole Feed-Thru DUAL VOLTAGE	NEMA 5-20R	NEMA 6-20R
20A 125V/20A 250V, 2-P 3-W, Grounding			
Brown Ivory	5844 5844-I		

NYLON WALLPLATES			302 STAINLESS STEEL WALLPLATES		
					
80703-I	80716-I	80730	84003-40	84016-40	84030-40

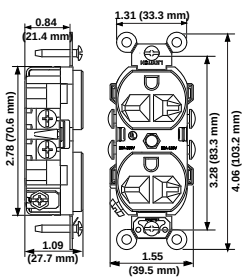
FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



5031



5842



5844

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15A 125V & 250V; 20A 125V & 250V

LEVITON

Commercial Grade

NEMA 5-15R | NEMA 5-20R | NEMA 6-15R | NEMA 6-20R

2 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	30°C max at full rated current after 100 cycles overload at 150% rated current for both AC and DC per UL 498

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White,neutral	#14 – #10 AWG	Ratings are permanently marked on device

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD6	ANSI C-73	UL 498	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	—	#152105	#057

AC HORSEPOWER RATINGS			
15A 125V	15A 250V	20A 125V	20A 250V
.5	1.5	1.0	2.0

Side Wired

CR20-GY

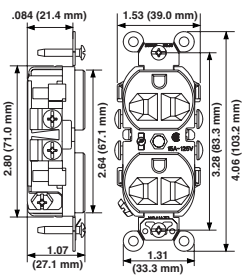
5028

CR15S-GI

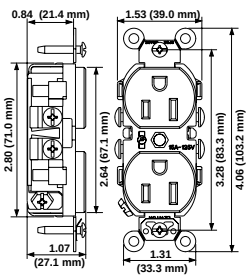
CR015-GY

FACE COLOR	DUPLEX RECEPTACLE	DUPLEX RECEPTACLE CANADIAN	DUPLEX RECEPTACLE TAMPER RESISTANT	DUPLEX RECEPTACLE SMOOTH FACE
15A 125V, NEMA 5-15R, 2-P 3-W, Grounding				
Brown	CR15	CR15-C	–	CR015
Ivory	CR15-I	CR15-CI	CR15S-GI	CR015-I
White	CR15-W	–	CR15S-GW	CR015-W
Gray	CR15-GY	–	–	CR015-GY
Almond	CR15-A	–	–	–
Black	CR15-E	–	–	–
15A 250V, NEMA 6-15R, 2-P 3-W, Grounding				
Brown	5028	–	–	–
Ivory	5028-I	–	–	–
20A 125V, NEMA 5-20R, 2-P 3-W, Grounding				
Brown	CR20	–	–	CR020
Ivory	CR20-I	–	–	CR020-I
White	CR20-W	–	–	CR020-W
Gray	CR20-GY	–	–	CR020-GY
Almond	CR20-A	–	–	–
Black	CR20-E	–	–	–
20A250V, NEMA 6-20R, 2-P 3-W, Grounding				
Brown	5822	–	–	–
Ivory	5822-I	–	–	–
White	5822-W	–	–	–

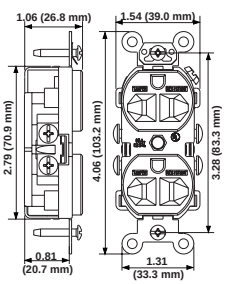
FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



CR15, CR20, 5822, CR15C, 5028



CR015, CR020



CR15S

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

15A 125V & 250V; 20A 125 & 250V

Commercial Grade

2 YEAR LIMITED WARRANTY

NEMA 5-15R | NEMA 5-20R | NEMA 6-15R | NEMA 6-20R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	30°C max at full rated current after 100 cycles overload at 150% rated current for both AC and DC per UL 498

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White,neutral	#14 – #10 AWG	Ratings are permanently marked on device

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec WC-596	CSA C22.2No.42	NOM
✓	✓	#E13399	—	#152105	#057

AC HORSEPOWER RATINGS			
15A 125V	15A 250V	20A 125V	20A 250V
.5	1.5	1.0	2.0

Side Wired

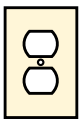
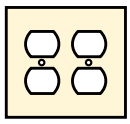
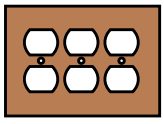
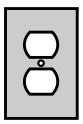
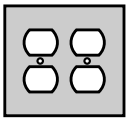
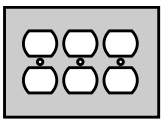
5015

5042

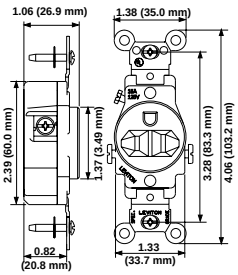
5059

5340-I

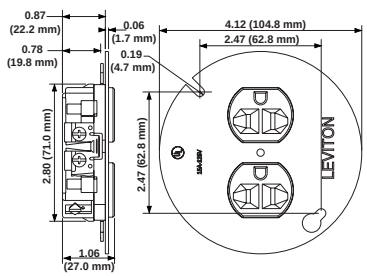
FACE COLOR	SINGLE RECEPTACLE	DUPLEX RECEPTACLE ON 4" COVER ZINC PLATED	SINGLE RECEPTACLE ON 4" COVER ZINC PLATED	DUPLEX RECEPTACLE w/ 6" Leads Contractor Pack
15A 125V, NEMA 5-15R, 2-P 3-W, Grounding				
Brown	5015	5042	5059	–
Ivory	5015-I	–	–	5040-I
White	5015-W	–	–	5040-W
15A 250V, NEMA 6-15R, 2-P 3-W, Grounding				
Brown	5029	–	–	–
Ivory	5029-I	–	–	–
White	5029-W	–	–	–
20A 125V, NEMA 5-20R, 2-P 3-W, Grounding				
Brown	5801	–	–	5340
Ivory	5801-I	–	–	5340-I
White	5801-W	–	–	5340-W
Gray	–	–	–	5340-GY
Almond	–	–	–	5340-A
20A 250V, NEMA 6-20R, 2-P 3-W, Grounding				
Brown	5821	–	–	–
Ivory	5821-I	–	–	–
White	5821-W	–	–	–
Almond	5821-A	–	–	–

NYLON WALLPLATES			302 STAINLESS STEEL WALLPLATES		
					
80703-I	80716-I	80730	84003-40	84016-40	84030-40

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



5015, 5029, 5801, 5821



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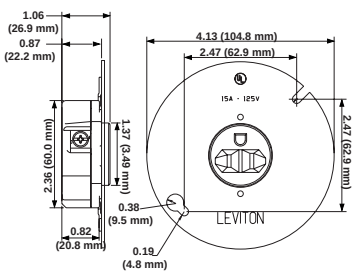
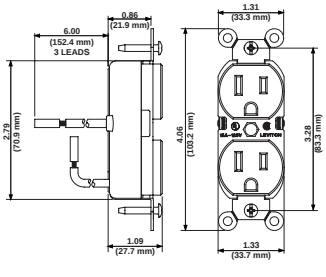


5059



5040

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15A 125V & 20A 125 & 250V

LEVITON

Commercial Grade

NEMA 5-15R | NEMA 5-20R | NEMA 6-15R | NEMA 6-20R

2 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	30° C max at full rated current after 100 cycles overload at 150% rated current for both AC and DC per UL 498

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White,neutral	#14 – #10 AWG	Ratings are permanently marked on device

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD6	ANSI C-73	UL 498	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	—	#152105	#057

AC HORSEPOWER RATINGS			
15A 125V	15A 250V	20A 125V	20A 250V
.5	1.5	1.0	2.0

Side Wired

5249-CAP

5250

5349-FBA

5458-SS

5284-SS

FACE COLOR	FLOORBOX CAP & GASKET REPLACEMENT	DISPLAY RECEPTACLE w/ SOLID BRASS PLATE	SINGLE FLOOR BOX ASSEMBLY	DUPLEX FLOOR BOX ASSEMBLY	SHORT STRAP 8-32 Tapped Mounting Holes on 1 3/4" Center	SHORT STRAP 8-32 Tapped Mounting Holes on 1 15/16" Center
15A 125V, NEMA 5-15R, 2-P 3-W, Grounding						
Brass	5249-CAP	–	–	–	–	–
Brown	–	–	–	–	5258-SS	5284-SS
Ivory	–	5250	5249-FBA†	25249-FBA††	–	–
15A 250V, NEMA 6-15R, 2-P 3-W, Grounding						
Brown	–	–	–	–	5658-SS	–
20A 125V, NEMA 5-20R, 2-P 3-W, Grounding						
Brass	25249-CAP	–	–	–	–	–
Ivory	–	–	5349-FBA†	25349-FBA††	–	–
20A 250V, NEMA 6-20R, 2-P 3-W, Grounding						
Brown	–	–	–	–	5458-SS	–

† Use 5249-CAP Replacement
†† Use 25249-CAP Replacement

UL Listed Box w/ #6 x 1" Screws Mounting Brackets

BR15/BR20 Duplex Recepatcle

Plastic Shell

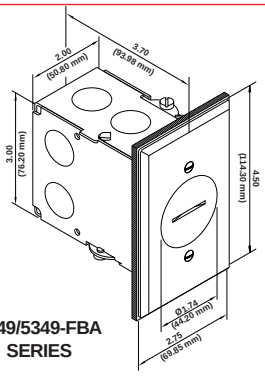
Gasket

Brass Plate w/ #6/32 Brass Screws w/ O-Seal Washers

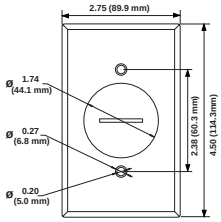
Rubber O-Rings

5249-CAP Brass Screw Caps

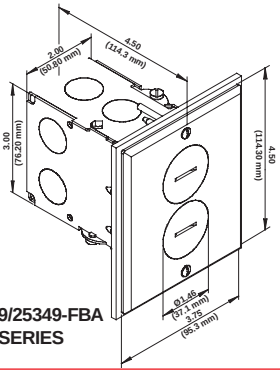
Cat. no. 25249-FBA
(includes all of the above components)



5249/5349-FBA SERIES



5250-FBA



25249/25349-FBA SERIES

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

15A 277V; 20A 125/250V

Commercial Grade

2 YEAR LIMITED WARRANTY

NEMA 7-15R

NEMA 10-20R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	30°C max at full rated current after 50 cycles overload at 150% rated current for both AC and DC per UL 498

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White,neutral	#14 – #10 AWG	Ratings are permanently marked on device

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD6	ANSI C-73	UL 498	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	—	#152105	#057

AC HORSEPOWER RATINGS	
15A 277V	20A 125/250V
2	2L-L*/1 L-N

L-L Denotes phase-to-phase HP rating
L-N Denotes phase-to-neutral HP rating
*Suitable for 208V motor applications at HP rating

Side Wired

5585

5032-I

FACE COLOR	DUPLEX RECEPTACLE GROUNDING	SINGLE RECEPTACLE NON-GROUNDING
15A 277V, NEMA 7-15R, Back & Side Wired, 2-P 3-W, GROUNDING		
Brown	5585	–
Ivory	5585-I	–
20A 125/250V, NEMA 10-20R, Side Wired, 3-P 3-W, GROUNDING		
Brown	–	5032
Ivory	–	5032-I

41650-6

41650-F

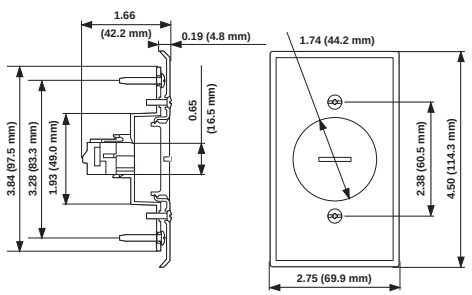
41652-6

41652-6F

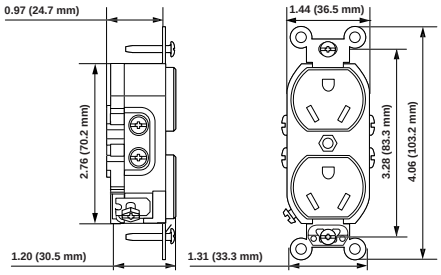
41652-000

Quick Port Snap-In-Jacks and Modules with Brass Floorplate

HOUSING COLOR	SINGLE FLOOR JACK 6 CONDUCTOR JACK	SINGLE FLOOR JACK WITH COAXIAL F-CONNECTOR	DUPLEX FLOOR JACK WITH TWO 6 CONDUCTOR JACKS	DUPLEX FLOOR JACK 6 CONDUCTOR JACK AND COAXIAL F-CONNECTOR	DUPLEX FLOOR JACK HOUSING ONLY WITH 1 BLANK FILTER
Brass	41650-6	41650-F	41652-6	41652-6F	41652-000



41652-6F



5585

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15A 125V & 250V; 20A 125V & 250V

Industrial Grade

LEVITON

2 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 1500V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White, neutral	#18 – #10 AWG	Ratings & NEMA I.D. permanently marked on device	—

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✓	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR-16347	#057

Engineered to IP64 Splashproof & Dust-Tight

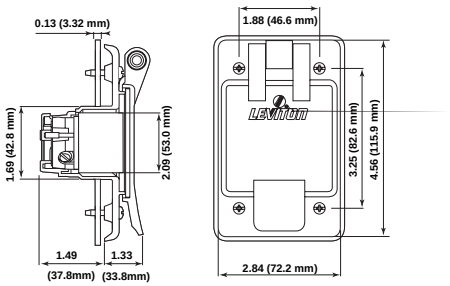
5278-FWP

5279-FWP

4716-FWP

4715-FWP

TYPE	FLANGED INLET STANDARD WIRE WELLS	NEMA	FLANGED OUTLET STANDARD WIRE WELLS	NEMA	FLANGED INLET SLOTS FOR FORK TERMINALS	NEMA	FLANGED OUTLET SLOTS FOR FORK TERMINALS	NEMA
15A 125V, 2-P 3-W Straight Blade, Grounding								
Gray Glass-Filled Thermoplastic Cover Device White Nylon	5278-CWP	5-15P	5279-CWP	5-15R	5278-FWP	5-15P	5279-FWP	5-15R
15A 250V, 2-P 3-W Straight Blade, Grounding								
Gray Glass-Filled Thermoplastic Cover Device White Nylon	15678-CWP	6-15P	15679-CWP	6-15R	–	–	–	–
15A 125V, 2-P 3-W Locking, Grounding								
Gray Glass-Filled Thermoplastic Cover Device White Nylon	4716-CWP	L5-15P	4715-CWP	L5-15R	4716-FWP	L5-15P	4715-FWP	L5-15R
15A 250V, 2-P 3-W Locking, Grounding								
Gray Glass-Filled Thermoplastic Cover Device White Nylon	4586-CWP	L6-15P	4585-CWP	L6-15R	–	–	–	–
20A 125V, 2-P 3-W Straight Blade, Grounding								
Gray Glass-Filled Thermoplastic Cover Device White Nylon	15378-CWP	5-20P	15379-CWP	5-20R	–	–	–	–
20A 250V, 2-P 3-W Straight Blade, Grounding								
Gray Glass-Filled Thermoplastic Cover Device White Nylon	5478-CWP	6-20P	5479-CWP	6-20R	–	–	–	–



15A 125V
Industrial Grade

10 YEAR LIMITED WARRANTY

NEMA 5-15R

Encompass Product Partner

SPECIFICATIONS & FEATURES

- Ideal for mounting in equipment cabinets where convenient plug-in surge protection is desired.
- Provides MOV-Based Normal Mode and Common Mode L-N, L-G, N-G protection.
- Hospital Grade Receptacles ensure the best electrical connection of equipment.
- Designed for use on 120V single-phase AC power sources.
- Green LED goes off when surge protection is lost.
- Audible alarm on 3880-DIN has an integral disable (quiet) switch.
- Power continues to be provided to connected loads in the event of protection loss.
- Module housing comes in black only.
- Easy installation with pressure terminals.

6252-DIN & 16252-DPL

STANDARDS & CERTIFICATIONS

NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	—	#152105	#057

8598-DIN

STANDARDS & CERTIFICATIONS

NEMA WD1& WD-6	ANSI C-73	UL Listed	UL 943 Class A & 498	CSA C22.2 No. 42	NOM
✓	✓	#E48380	✓	#LR-57811	#057

3880-DIN & 3801-DIN

ANSI/IEEE STANDARDS & CERTIFICATIONS

ANSI/IEEE Categories A & B	UL 1449	CSA C22.2 No. 42	NOM
✓	#E146315	#LR-94773	#057

3880-DIN, 3801-DIN, 8598-DIN, 16252-DIN & 16252-DPL

Recognized Component

MECHANICAL

Terminal Block accepts #22-#12 AWG conductors.

ENVIRONMENTAL

STORAGE TEMP.	OPERATING TEMP.
-20°C to 85°C	-10°C to 60°C

FLAMMABILITY

Rated V-2 per UL 94

PERFORMANCE DATA FOR 3880-DIN & 3801-DIN

OPERATING FREQUENCY	RATED LINE VOLTAGE	MAXIMUM CONTINUOUS OPERATING VOLTAGE (MCOV)	MAXIMUM SINGLE-PULSE TRANSIENT CURRENT (8x20µs, Amps peak)	RATED SINGLE-PULSE TRANSIENT ENERGY (10x1000µs, Joules)	EMI-RFI NOISE REJECTION @ 50 Ohms 500k- 30MHz
50, 60Hz	120V	150V rms	24kA (L-N), 12kA (L-G),12kA (N-G)	720 Joules	-30dB

ELECTRICAL

DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

CLAMPING PERFORMANCE FOR 3880-DIN & 3801-DIN

UL 1449 SUPPRESSED VOLTAGE RATINGS (SVR) Assigned at 6" lead length with 6kV/500A impulse in accordance with UL 1449 (Ed.)
400/400/400Vpk

TOP VIEW

BACK VIEW

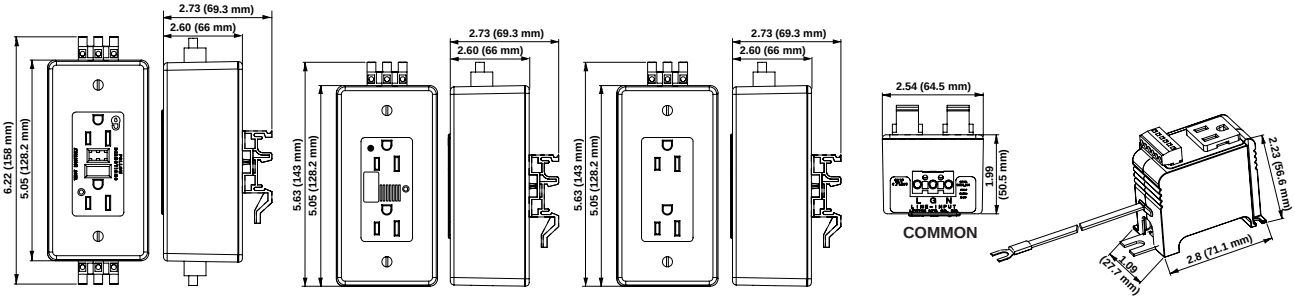
3880-DIN

3801-DIN

8598-DIN

16252-DIN

FACE COLOR	RATED LINE VOLTAGE DUPLEX RECEPTACLE	HOSPITAL GRADE SURGE PROTECTED DUPLEX OUTLET Indicator Light, Audible Alarm	SURGE PROTECTED SINGLE CONVENIENCE RECEPTACLE	GFCI PROTECTED SMARTLOCK® DUPLEX Indicator Light	DUPLEX RECEPTACLE
15A 125V NEMA 5-15R, 2-P 3-W, Grounding					
Blue	120V	3880-DIN	–	–	–
Black	120V	–	3801-DIN	8598-DIN	–
Gray	120V	–	–	–	16252-DIN



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Types of Receptacles

Receptacles generally are made to accommodate either of two types of plugs. Straight-Blade plugs are pushed in and pulled straight out. Locking plugs are pushed in and rotated slightly in a clockwise direction to a position were they cannot be pulled straight out. They must be rotated counterclockwise back to the insertion position in order to be withdrawn. This locking action is intended to prevent accidental disconnection of the circuit by pulling the plug straight out unintentionally.

Grounding

Originally, residential electrical circuitry was "2-pole, 2-wire" and did not have an equipment grounding means at the receptacle. The only grounding point was at the service entrance, where the neutral (white) conductor was grounded. The receptacle slot for the neutral wire, according to NEMA configuration 1-15R, must be longer than the slot for the phase or hot wire (typically black or red). This enables certain items of equipment, like TV sets and home appliances, to have their external metal parts or casing grounded through the white neutral connection. Such equipment uses a polarized plug where the neutral plug blade is wider than the hot plug blade, ensuring that it mates properly with the NEMA 1-15R configuration receptacle. Receptacles designed for 2-pole, 2-wire circuits do not have mounting straps that are connected to a grounding terminal. Leviton still offers 2-pole, 2-wire receptacles for replacement use only in existing non-grounding systems.

Experience proved that a single grounding point through the neutral conductor was not sufficiently safe. Conditions could occur where fault currents and differences in potential lead to shocks, overheating, equipment burnout and fire. Therefore, the 2-pole, 3-wire circuit was developed. A third conductor, called the grounding conductor, does not carry current during normal circuit operation. It is connected to the neutral bus bar at the service entrance and runs along with the current-carrying neutral and hot conductors .The grounding conductor is connected only to outlet boxes, chassis and other non-current carrying components that may carry current in case of damage or defects in the wiring system. It is sometimes referred to as the "equipment grounding conductor."

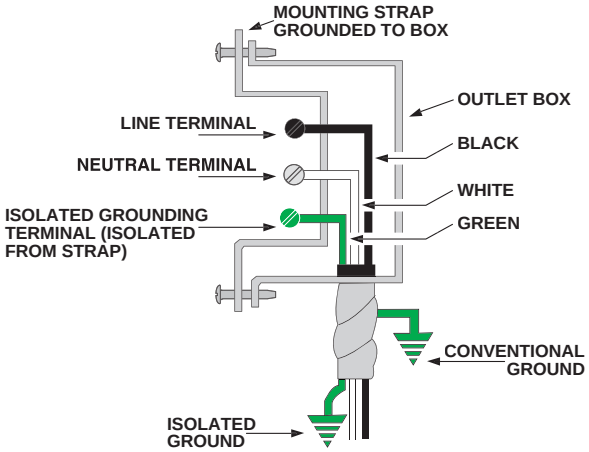
The grounding contacts on the 2-pole, 3-wire receptacles are most commonly shaped like a "U", which is how the term "U-ground" evolved. The grounding contacts on these receptacles are securely fastened to the mounting strap. In Leviton receptacles, the grounding contacts are permanently riveted to the mounting strap, and in most Leviton Hospital Grade and Industrial Grade receptacles they are an integral part of the strap. Many Leviton receptacles offer dual ground connection options to help ensure that the receptacle is properly connected to the grounding system: An integral green grounding screw for direct connection to the green or bare grounding wire, and a patented Groundamatic® self-grounding clip riveted to the strap to provide automatic ground connection when the receptacle is mounted in a properly grounded metal wallbox.

Isolated-Ground Receptacles

Although the conventional grounding system provides safety for personnel and equipment, it may be a source of electrical interference that can cause problems in modern electronic equipment. Because the conventional grounding network runs through an entire facility, it can unintentionally function as a pick-up of transient electrical signals or "noise."

These transient signals will then be introduced to equipment through the ground connection. Microprocessor-based equipment, including computers, cash registers, medical equipment and audio/video equipment, may malfunction as a result of this noise.

Isolated-Grounding Receptacles can help eliminate problems caused by electrical interference in a conventional ground system. The ground contacts on Isolated-Ground Receptacles are electrically isolated from the mounting strap and therefore they are isolated from the conventional ground system. The green ground screw is connected to a pure ground path that is separate from a facility's grounding network. The isolated ground network is relatively free of electrical noise because it is not a facility-wide grounding path and it's connected to ground at a single point.



ISOLATED-GROUNDING RECEPTACLES

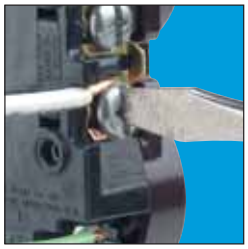
Mounting Straps

There are basically two kinds of mounting straps for receptacles. The "through" type passes between the receptacle body and cover. The "wrap-around" type acts as a cradle for the receptacle, surrounding its side, ends and bottom surfaces.

Power Contact Design

The "contact" does more than make contact with the plug blade — It must grip the plug blade for maximum electrical conductivity and mechanical strength. Leviton receptacles feature double-wipe contacts that grip both sides of each blade, including the U-ground contacts that are often single-wipe in receptacles made by other manufacturers. Leviton Hospital Grade and Industrial Grade receptacles feature triple-wipe contacts for added strength and durability in high-abuse applications. Leviton contacts are made of the copper alloys that offer maximum strength and electrical conductivity.

Types of Wiring for Receptacles

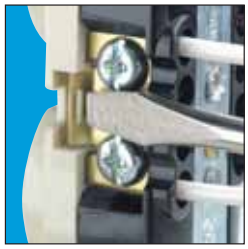


Side Wiring
Loop wire around terminal screw. Screw head locks wire against terminal. For copper or copper/clad aluminum conductors.

Quickwire™ Connection
Insert wire into wire well. Wire is automatically clamped by spring action, insuring good electrical connection. For copper conductors only.

Quickwire™ and Screw
Option of
(1) side wiring or
(2) Quickwire connection.
NOTE: For continuous wiring, both sets of terminals (screw and Quickwire) can be used together.

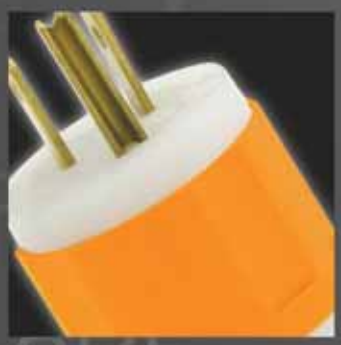
Back & Side Wiring
Option of (1) side wiring or (2) back wiring: Insert wire into well. Tighten screw, thus clamping wire against terminal. Back wiring for copper or copper/clad aluminum conductors.



Two-Circuit Conversion
To power each outlet of a duplex receptacle separately, simply break off the tab between the two terminals.

C

SECTION



Straight Blade Plugs & Connectors

Straight Blade Plugs & Connectors

LEVITON

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LIFETIME WARRANTY

MS2-P

5266-CO

5266-C

5269-C

5266-CA

5269-CA

5278-C

5279-C

15/20/30/50/60 Amp NEMA Straight Blade Devices

POLE/WIRES	AMPS	VOLTS	NEMA	AC HP RATING	PLUG	CONNECTOR	ANGLE PLUG	ANGLE CONNECTOR	FLANGED INLET	FLANGED OUTLET	PAGE NO.
Straight Blade Midget Industrial Grade 2-Pole 2-Wire Non-Grounding	15	125V	1-15	0.5	MS2-P	—	MS2-AP	—	—	—	C5
Straight Blade Industrial Grade 2-Pole 3-Wire Grounding		125V	5-15	0.5	5266-C 5266-PLC**	5269-C 5269-PLC**	5266-CA	5269-CA	5278-C	5279-C	C5
Straight Blade Hospital Grade 2-Pole 3-Wire Grounding		125V	5-15	0.5	8215-C 8215-PLC**	8219-C 8219-PLC**	8215-CAT	—	—	—	C5
Straight Blade Industrial Grade 2-Pole 3-Wire Grounding		250V	6-15	1.5*	5666-C 5666-PLC**	5669-C 5669-PLC**	5666-CA	—	15678-C	15679-C	C5
Straight Blade Industrial Grade 2-Pole 3-Wire Grounding	20	125V	5-20	1	5366-C 5366-PLC**	5369-C 5369-PLC**	5366-CA	5369-CA	15378-C	15379-C	C6
Straight Blade Hospital Grade 2-Pole 3-Wire Grounding		125V	5-20	1	8315-C 8315-PLC**	8319-C 8319-PLC**	8315-CAT	—	—	—	C6
Straight Blade Industrial Grade 2-Pole 3-Wire Grounding		250V	6-20	2*	5466-C 5466-PLC**	5469-C 5469-PLC**	8415-CAT	—	5478-C	5479-C	C6
Straight Blade Industrial Grade 3-Pole 3-Wire Non-Grounding		125/250V	10-20	2 L-L*/1 L-N	9151-N	—	—	—	—	—	C9
Straight Blade Industrial Grade 4-Pole 4-Wire 3ØY Non-Grounding		125/208V	18-20	2	7251-C	—	—	—	—	—	C9
Angle Power Plug Industrial Grade 2-Pole 3-Wire Grounding	30	125V	5-30	2	—	—	9530-P	—	—	—	C10
Angle Power Plug Industrial Grade 2-Pole 3-Wire Grounding		250V	6-30	2*	—	—	9630-P	—	—	—	C10
Angle Power Plug Industrial Grade 2-Pole 3-Wire Grounding		277V	7-30	3	—	—	9730-P	—	—	—	C10
Angle Power Plug Industrial Grade 3-Pole 3-Wire Non-Grounding		125/250V	10-30	2 L-L*/2 L-N	—	—	9332-P	—	—	—	C10
Angle Power Plug Industrial Grade 3-Pole 4-Wire Grounding		125/250V	14-30	2 L-L*/2 L-N	—	—	9432-P	—	—	—	C10
Angle Power Plug Industrial Grade 3-Pole 4-Wire 3ØY Grounding		250V	15-30	3	—	—	8432-P	—	—	—	C10
Angle Power Plug Industrial Grade 4-Pole 4-Wire 3ØY Non-Grounding		120/208V	18-30	3	—	—	8332-P	—	—	—	C10

*Suitable for 208V motor applications at HP rating: L-L denotes phase-to-phase HP rating; L-N denotes phase-to-neutral HP rating.

Device color options appear on individual catalog pages.

Wetguard & Dustguard Devices appear on page C7, Python Devices on page C8, Commercial Grade Devices on pages C12–C14 and Integrated Power Inlets and Outlets on page C15.

** PLC Power Indication™ Feature

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Straight Blade Plugs & Connectors

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8430-A

9650-P

9750-A

15/20/30/50/60 Amp NEMA Straight Blade Devices

POLE/WIRES	AMPS	VOLTS	NEMA	AC HP RATING	PLUG	CONNECTOR	ANGLE PLUG	ANGLE CONNECTOR	FLANGED INLET	FLANGED OUTLET	PAGE NO.
Angle Power Plug Industrial Grade 2-Pole 3-Wire Grounding	50	125V	5-50	2	—	—	9550-P	—	—	—	C11
Angle Power Plug Industrial Grade 2-Pole 3-Wire Grounding		250V	6-50	3*	—	—	9650-P	—	—	—	C11
Angle Power Plug Industrial Grade 2-Pole 3-Wire Grounding		277V	7-50	5	—	—	9750-P	—	—	—	C11
Angle Power Plug Industrial Grade 3-Pole 3-Wire Non-Grounding		125/250V	10-50	3 L-L*/2 L-N	—	—	9450-P	—	—	—	C11
Angle Power Plug Industrial Grade 3-Pole 4-Wire Grounding		125/250V	14-50	3 L-L*/2 L-N	—	—	9452-P	—	—	—	C11
Angle Power Plug Industrial Grade 3-Pole 4-Wire 3ØY Grounding		250V	15-50	7.5	—	—	8452-P	—	—	—	C11
Angle Power Plug Industrial Grade 4-Pole 4-Wire 3ØY Non-Grounding		120/208V	18-50	7.5	—	—	8352-P	—	—	—	C11
Angle Power Plug Industrial Grade 3-Pole 4-Wire Grounding	60	125/250V	14-60	3 L-L*/2 L-N	—	—	9462-P	—	—	—	C11
Angle Power Plug Industrial Grade 3-Pole 4-Wire 3ØY Grounding		250V	15-60	10	—	—	8462-P	—	—	—	C11
Angle Power Plug Industrial Grade 4-Pole 4-Wire 3ØY Non-Grounding		277V	18-60	7.5	—	—	8362-P	—	—	—	C11

*Suitable for 208V motor applications at HP rating: L-L denotes phase-to-phase HP rating; L-N denotes phase-to-neutral HP rating.

Device color options appear on individual catalog pages.

Wetguard & Dustguard Devices appear on page C7, Python Devices on page C8, Commercial Grade Devices on pages C12–C14 and Integrated Power Inlets and Outlets on page C15.

Industrial Grade

PIN & SLEEVE EXTREME DUTY

320P4W

Industrial Connections
- IEC 309-1 & 2 International Ratings 16A, 32A, 63A, 125A North American Ratings 20A, 30A, 60A, 100A
- IP67 Watertight & IP44 Splashproof Ratings
- Impact & UV Resistant Valox® Construction
- External High Strength Cord Clamp

SECTION J

HOSPITAL GRADE

8215-C

Institutional/Industrial Connections
- Super Tough Nylon & Clear Thermoplastic Body
- 15-20 Amp Straight & Angle Versions
- Clear Pilot Light Series
- Catalog & NEMA Numbers Printed on Back
- "Green Dot" Permanently Marked on Body
- Double-Combo Screws

PAGES C5–C6 & H9

HOSPITAL GRADE

8256-V

Python®
Institutional/Industrial Connections
- Nylon Single Piece Body
- 15-20 Amp Straight & Angle Versions
- Enclosed Termination Area
- "Green Dot" Permanently Marked on Body
- Triple-Combo Screws

PAGES C8 & H10

HEAVY DUTY

5266-C

Industrial Connections
- Super Tough Nylon Body
- 15-20 Amp Straight & Angle Versions
- Catalog & NEMA Numbers Printed on Back
- Removable wide-range strain relief insert
- Double-Combo Screws

PAGES C5–C9

POWER INDICATION

5266-PLB

Industrial Connections
- LED glows when energized
- Super Tough Nylon Body
- Catalog & NEMA Numbers Printed on Back
- Double-Combo Screws

PAGES C5–C6

WATERTIGHT

14W47

Wetguard®
IP67 Watertight Industrial Connections
- EPTR High Abuse Rubber Body
- 15-20 Amp Configurations
- Watertight Cord Strain Relief System
- Double-Combo Screws

PAGES C7 & SECTION D

CORROSION RESISTANT

52CM66C

Heavy Duty Industrial/Marine Connections
- Super Tough Nylon Body
- 15-20 Amp Straight Configurations
- Corrosion Resistant Nickel Plating
- Double-Combo Screws

SECTION I

CAM-TYPE

16D24-G

Industrial/Commercial/Entertainment Connections
- EPTR Rubber Exterior
- 125-690 Amp Configurations
- Easy Field Assembly & Repair
- Locking & Reinforcing Ring

SECTION K

DUST-TIGHT

1447

Dustguard®
Dust-Tight Industrial/Commercial Connections
- EPTR High Abuse Rubber Body
- 15-20 Amp Versions
- Dust-Tight Design with External Clamp & Internal Dust Barrier

PAGES C7 & D9

FLANGED DEVICES

5278-C

Industrial/Commercial Power Connections
- Nylon Dead-Front Construction
- 15-20 Amp Configurations
- Thermoplastic Wiring Module
- Captive, Color-Coded Brass #8 Terminal Screws

SECTION C

POWER ANGLE PLUGS

9730-P

Heavy Duty Industrial Connections
- Nylon Dead-Front Construction
- 30-60 Amp Configurations
- Lug Type Terminals Accepts Up To #4 AWG
- Four-Way Positioning Front-Module
- Solid Brass Power Blades

PAGES C10–C11, B13–B14

OEM/INDUSTRIAL

5256-VB

Python®
Industrial/OEM/Commercial Connections
- Nylon Single-Piece Body
- 15-20 Amp Straight & Angle Versions
- Removable Wide Range Cord Inset
- Enclosed Wiring Module
- Triple-Combo Screws

PAGE C8

LIFETIME WARRANTY

UL 498 Listed
Federal Specification WC-596 Listed
CSA Specification C22.2 No. 42 Certified

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

RoHS

Black & White Plugs and Connectors are being phased in as RoHS compliant products

Power Indication Devices
15 and 20 Amp Straight Blade devices feature a green neon bulb rated at 30,000 hours, 24 x 7 for 3.5 years.

External cord grip utilizes deep slotted/Philips steel screws that are backed out and positioned inside shrouded pockets. External clamps accept wire mesh grips

NEMA configuration and device rating are molded on front of device to assist with identification

5266-C

Positive contact plate bundles stranded wire maximizing surface contact resulting in improved termination

Dead front solid containment barrier prevents accidental contact with internal parts

Molded-in strip gage provides correct measurement for proper strip length of conductor

Wiring module keyed to body for easy assembly and a tight fit

Three "U" type fast-threading, double drive, steel screws secure wiring module (12-14 in.-lbs.) to body

One-piece rivetless, triple-wipe, brass contacts offer enlarged contact surface area

Transparent wiring chambers provide a means of visual inspection of conductors and terminals

Combination #8-32 deep slotted/Philips brass screws easily torque to 10-14 in. -lbs.

Internal wiring chambers isolate individual conductors to prevent flashover, arcing, and excessive heat buildup

Catalog and NEMA numbers printed on cord clamp for easy identification

5269-C

Ergonomically designed fluted body with radial gripping ridge creates an ideal surface for gripping and pulling

Cable gage identifies maximum cord size allowed with strain relief insert

5266-C Plug with Wire Mesh Grip
See Connection Wire Mesh Grip Chart on page O11.

Available Colors

5266-C | 5266-CB | 5266-CY | 5266-CO | 5266-CG | 8215-CT

Shrouded pockets in cord clamp prevent slippage of screwdriver blade when tightening cord clamp screws.

Wire clamps move within individual chambers to provide positive lock without cutting wire strands.

Captive terminal screws eliminate nuisance dropping and searching for missing screws.

Deep-funnelled, large wire wells guide conductors into termination position.

COMPONENT	DESCRIPTION
Body	Super Tough Nylon
Back Cover	Thermoplastic
Wiring Module	Nylon
Cord Clamp	Nylon
Clamp Insert	Nylon
Blades/Contacts	Solid Brass
Terminal Screws	Brass
Assembly Screws	Steel, Zinc-Plated

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	✓	#E13393	#LR-406	#057

Strain relief insert is easily removed without removing cord clamp to accommodate larger cords.

CORD CLAMP RANGES

Cord Range, .245"min.-.700"max.

The cord clamp will accommodate cords from SVT #18-3 (.23"-.27"/5.8mm-6.9mm, OD) with a maximum of SO #14-3 (.36"-.40"/9.1mm-10.2mm, OD) with strain relief insert.

When strain relief insert is removed cord clamp will accept up to ST #10-3 (.65"-.72"/16.5-18.3mm, OD).

15A 125V; 15A 250V

Hospital & Industrial Grade

NEMA 1-15 NEMA 5-15P NEMA 5-15R NEMA 6-15P NEMA6-15R

LIFETIME WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White,neutral	#18 – #10 AWG	Ratings & NEMA I.D. permanently marked on device	.245" – .700"

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No. 42	NOM
✓	✓	✓	#E13393	#LR-406	#057

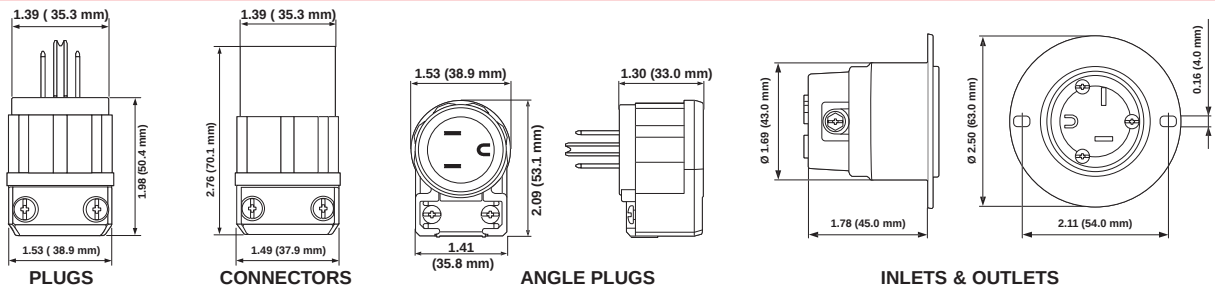
BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

MS2-P 5266-CO 5266-C 5269-C 5266-CA 5269-CA 5278-C 5279-C

TYPE	PLUG	CONNECTOR	ANGLE PLUG	ANGLE CONNECTOR	FLANGED INLET	FLANGED OUTLET
15A 125V, NEMA 1-15, 2-P 2-W, Non-Grounding						
Industrial Grade – Midget Devices						
Black & White Nylon	MS2-P	–	MS2-AP	–	–	–
15A 125V, NEMA 5-15P AND 5-15R, 2-P 3-W						
Industrial Grade						
All Black — Bulk Packaged	5266-B	5269-B	–	–	–	–
Black & White	5266-C	5269-C	5266-CA	5269-CA	–	–
Yellow & White	5266-CY	5269-CY	–	–	–	–
All Black	5266-CB	5269-CB	–	–	–	–
Orange & White	5266-CO	5269-CO	–	–	–	–
Gray & White	5266-CG	5269-CG	–	–	–	–
All White	–	–	–	–	5278-C	5279-C
Black (2 Piece Shell)	5266-N	5269-N	–	–	–	–
Power Indication™ Black & White	5266-PLC	5269-PLC	–	–	–	–
Power Indication™ All Black	5266-PLB	5269-PLB	–	–	–	–
Hospital Grade						
Black & White	8215-C	8219-C	–	–	–	–
Transparent	8215-CT	8219-CT	8215-CAT	–	–	–
Power Indication™ Transparent	8215-PLC	8219-PLC	–	–	–	–
15A 250V, NEMA 6-15P & 6-15R, 2-P 3-W						
Industrial Grade						
Black & White	5666-C	5669-C	5666-CA	–	–	–
Yellow & White	5666-CY	5669-CY	–	–	–	–
All White	–	–	–	–	15678-C	15679-C
Power Indication™ Black & White	5666-PLC	5669-PLC	–	–	–	–

5300-HTS

SURGE STRIP, 6' & 15' CORD LENGTHS (without switch)	
6-HG, TAMPER-RESISTANT OUTLETS & HOSPITAL GRADE LIGHTED TRANSPARENT PLUG	
15A 120V, NEMA 5-15P & 5-15R, 2-P 3-W	
5300-HTS (6')	5300-H15 (15')



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20A 125V; 20A 250V

Hospital & Industrial Grade

LIFETIME WARRANTY

NEMA 5-20P | NEMA 5-20R | NEMA 6-20P | NEMA6-20R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White,neutral	#18 – #10 AWG	Ratings & NEMA I.D. permanently marked on device	.245" – .700"

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No. 42	NOM
✓	✓	✓	#E13393	#LR-406	#057

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

8315-CT

8315-CAT

8319-C

5369-CA

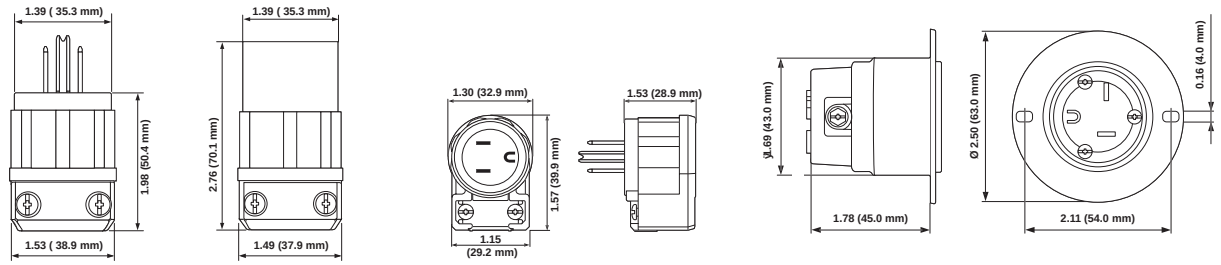
15378-C

15379-C

TYPE	PLUG	CONNECTOR	ANGLE PLUG	ANGLE CONNECTOR	FLANGED INLET	FLANGED OUTLET
20A 125V, NEMA 5-20P AND 5-20R, 2-P 3-W						
Industrial Grade						
All Black — Bulk Packaged	5366-B	5369-B				
Black & White	5366-C	5369-C	5366-CA	5369-CA	–	–
Yellow & White	5366-CY	5369-CY	–	–	–	–
Gray	5366-CG	5369-CG	–	–	–	–
All White	–	–	–	–	15378-C	15379-C
Power Indication™ Black & White	5366-PLC	5369-PLC	–	–	–	–
Power Indication™ All Black	5366-PLB	5369-PLB	–	–	–	–
Hospital Grade						
Black & White	8315-C	8319-C	–	–	–	–
Transparent	8315-CT	8319-CT	8315-CAT	–	–	–
Power Indication™ Transparent	8315-PLC	8319-PLC	–	–	–	–
20A 250V, NEMA 6-20P AND 6-20R, 2-P 3-W						
Industrial Grade						
Black & White	5466-C	5469-C	–	–	–	–
Transparent	–	–	8415-CAT	–	–	–
Yellow & White	5466-CY	5469-CY	–	–	–	–
All White	–	–	–	–	5478-C	5479-C
Power Indication™ Black & White	5466-PLC	5469-PLC	–	–	–	–

Thermoplastic Elastomer Boots for 20A 2-P 3-W Devices

TYPE	PLUG BOOT	CONNECTOR BOOT
Black Yellow	6017 6017-Y	6018 6018-Y



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LEVITON

Contents

LIFETIME WARRANTY

ELECTRICAL	
DIELECTRIC VOLTAGE	CURRENT INTERR.
Withstands 2000V per UL 498	Full rated current
TEMP. RISE	
Max 30°C after 250 cycles of overload at 200% of rated current	

MECHANICAL			
TERMINAL I.D.	PRODUCT I.D.	DEVICE TYPE	CORD GRIP RANGE
Brass, hot	Ratings & NEMA I.D. permanently marked on device	15 & 20A Straight Blade & 15A Locking - 3 Wire	(.375" – .655") #18-#10 AWG
Grounding		20A Locking 3,4 & 5 Wire	(.375" – .875") #18-#10 AWG
White,neutral		30A Locking 3,4 & 5 Wire	(.625" – 1.125") #12-#8 AWG

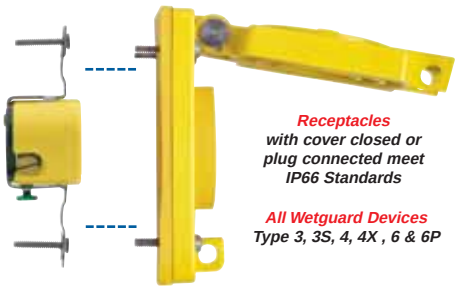
ENVIRONMENTAL		
FLAMMABILITY		OPERATING TEMP.
Plugs & Connectors Rated V-2 per UL 94	Receptacles Rated V-0 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS						
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596		CSA C22.2 No.42	NOM
			Plugs & Connectors	Receptacles		
✓	✓	✓	#E13393	#E13399	#LR-406	#057

Wetguard Plugs & Connectors mated or with closure caps meet IP66 & IP67 Standards

Wetguard Products Are Engineered to Meet or Exceed UL and IEC Watertight Standards

14W47 | 15W47 | 14W47-B | 1433 *Dustguard*



60W47

Receptacles with cover closed or plug connected meet IP66 Standards

All Wetguard Devices Type 3, 3S, 4, 4X , 6 & 6P

TYPE EPTR	PLUG	NEMA PLUG	CONNECTOR w/ CLOSURE CAP	RECEPTACLE, COVER, GASKET	RECEPTACLE CORROSION RESISTANT	NEMA RECEPTACLE
15A 125V, 2-P 3-W, Grounding						
Yellow EPTR	14W47	5-15P	15W47	60W47	5261-CR	5-15R
Dust Tight Yellow EPTR	1447		1547	–	–	
Black EPTR	14W47-B		15W47-B	See Black Cat. No. Below	–	
15A 250V, 2-P 3-W, Grounding						
Yellow EPTR	14W49	6-15P	15W49	60W49	5661-CR	6-15R
Dust Tight Yellow EPTR	1449		1549	–	–	
15A 277V, 2-P 3-W, Grounding						
Yellow EPTR	14W34	7-15P	15W34	–	–	7-15R
20A 125V, 2-P 3-W, Grounding						
Yellow EPTR	14W33	5-20P	15W33	60W33	5361-CR	5-20R
CanadianYellow EPTR	–		–	–	–	For CSA See Pg. D4
Dust Tight Yellow EPTR	1433		1533	–	–	
20A 250V, 2-P 3-W, Grounding						
Yellow EPTR	14W48	6-20P	15W48	60W48	5461-CR	6-20R
CanadianYellow EPTR	–		–	–	–	For CSA See Pg. D4
Dust Tight Yellow EPTR	1448		1548	–	–	

CONNECTOR CAPS

Yellow	Black
15/20A Str.Blade & 15A Locking	
50W50	50W50-B
20A Locking	
50W52	50W52-B
30A Locking	
50W54	50W54-B

PLUG CAPS

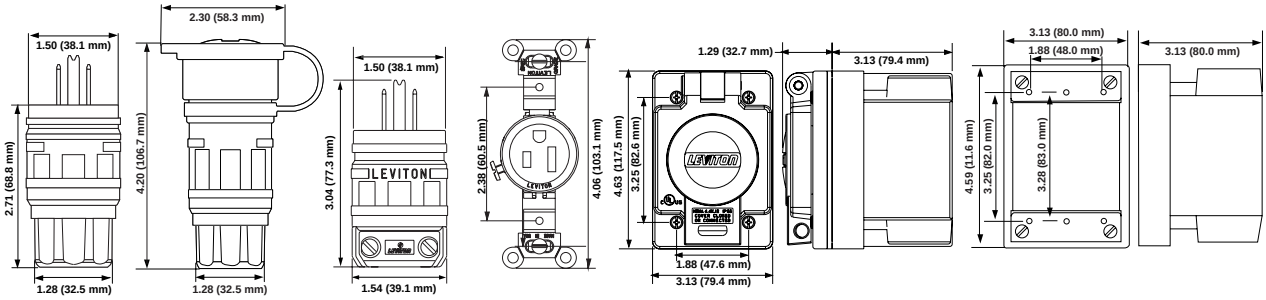
Yellow	Black
15/20A Str.Blade & 15A Locking	
14W	14W-B
20A Locking	
26W	26W-B
30A Locking	
28W	28W-B

COVER/GASKET

Yellow	Black
15/20A Str.Blade & 15A Locking	
60W03	60W03-B
20A Locking	
60W04	60W04-B
30A Locking	
60W05	60W05-B

FD BOX GLASS-FILLED POLYESTER

Yellow
2 KO Openings 1/2"
452CR
2 KO Openings 3/4"
453CR
2 KO Openings 1"
454CR



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15A 125V & 250V; 20A 125V & 250V

LIFETIME WARRANTY

NEMA 5-15P | NEMA 5-15R | NEMA 6-15P | NEMA6-15R | NEMA 5-20P | NEMA 5-20R | NEMA 6-20P | NEMA6-20R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White,neutral	#18 – #10 AWG	Ratings & NEMA I.D. permanently marked on device	.245" – .700"
ENVIRONMENTAL			
FLAMMABILITY		OPERATING TEMP.	
Rated V-2 per UL 94		-40°C to 60°C	

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No. 42	NOM
✓	✓	✓	#E13393 Applies to Hospital Grade Versions Only	#LR-406	#057

PYTHON® PLUGS AND CONNECTORS

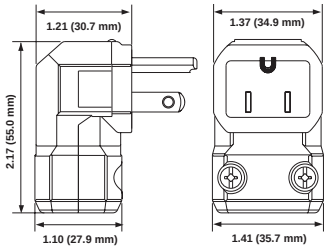
5356-VB

5359-VB

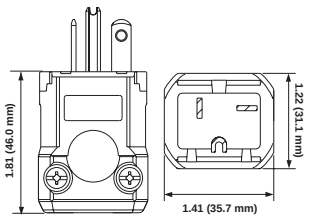
5259-VY

5256-VA

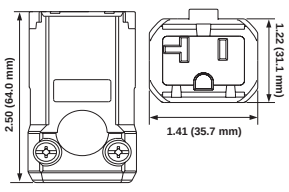
TYPE	PYTHON PLUG	PYTHON CONNECTOR	PYTHON ANGLE PLUG
15A 125V, NEMA 5-15P AND 5-15R, 2-P 3-W			
Industrial Grade			
Black	5256-VB	5259-VB	–
Yellow	5256-VY	5259-VY	5256-VA
Gray	5256-VGY	5259-VGY	–
Hospital Grade			
White	8256-V	8259-V	–
15A 250V, NEMA 6-15P AND 6-15R, 2-P 3-W			
Industrial Grade			
Yellow	15656-VY	15659-VY	15656-VA
Hospital Grade			
White	8656-V	8659-V	–
20A 125V, NEMA 5-20P AND 5-20R, 2-P 3-W			
Industrial Grade			
Black	5356-VB	5359-VB	–
Yellow	5356-VY	5359-VY	5356-VA
Hospital Grade			
White	8356-V	8359-V	–
20A 250V, NEMA 6-20P AND 6-20R, 2-P 3-W			
Industrial Grade			
Yellow	5456-VY	5459-VY	5456-VA
Hospital Grade			
White	8456-V	8459-V	–



5256-VA



5356-V



5359-V

20A 125V/250V; 20A 120/208V

Industrial Grade

NEMA 10-20P

NEMA 18-20P

LIFETIME WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	30°C max at full rated current after 50 cycles overload at 150% rated current for both AC and DC per UL 498

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White,neutral	#18 – #10 AWG	Ratings & NEMA I.D. permanently marked on	.245" – .700"

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No. 42	NOM
✓	✓	✓	–	#LR-406	#057

9151-N

7251-C

TYPE	PLUG	MATCHING RECEPTACLE
20A 125/250V, NEMA 10-20P, 3-P 3-W, Non-Grounding		
Industrial Grade		
Gray & Black	**9151-N**	**5032** — See page B22
20A 125/208V, NEMA 18-20P, 4-P 4-W 3ØY, Non-Grounding		
Yellow	**7251-C**	**7250-FR** — See page B9

LIFETIME WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	30°C max at full rated current after 50 cycles overload at 150% rated current for both AC and DC per UL 498

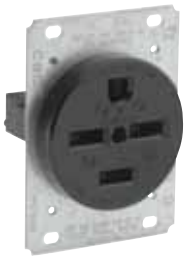
MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White,neutral	#10 – #4 AWG	Ratings & NEMA I.D. permanently marked on device	.625" – 1.375"

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No. 42	NOM
✓	✓	✓	–	#LR-406	#057

For specifications on Matching Receptacles, see Section B.

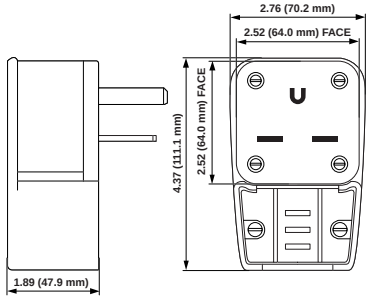
9730-P

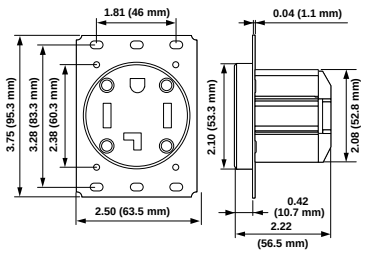


8430

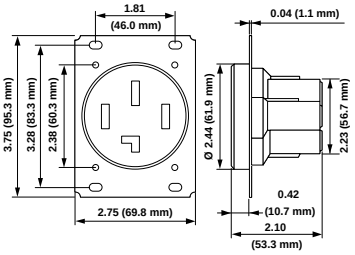
RECEPTACLES OPERATING TEMP.
-40°C to 75°C

TYPE	ANGLE PLUG	NEMA	MATCHING RECEPTACLE	NEMA
30A 125V, 2-P 3-W Grounding				
Black & White	9530-P	5-30P	5371	5-30R
30A 250V, 2-P 3-W Grounding				
Black & White	9630-P	6-30P	5372	6-30R
30A 277V AC, 2-P 3-W Grounding				
Black & White	9730-P	7-30P	9730-A	7-30R
30A 125/250V, 3-P 3-W Non-Grounding				
Black & White	9332-P	10-30P	5207	10-30R
30A 125/250V, 3-P 4-W Grounding				
Black & White	9432-P	14-30P	278	14-30R
30A 250V, 3-P 4-W 3ØY Grounding				
Black & White	8432-P	15-30P	8430	15-30R
30A 120/208V, 4-P 4-W 3ØY Non-Grounding				
Black & White	8332-P	18-30P	8330	18-30R





278



8330

DIMENSIONS APPLY TO ALL ANGLE PLUGS ON THIS PAGE

50A; 60A Power Devices

Industrial Grade

LEVITON

LIFETIME WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	30°C max at full rated current after 50 cycles overload at 150% rated current for both AC and DC per UL 498

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White,neutral	#10 – #4 AWG	Ratings & NEMA I.D. permanently marked on device	.625" –1.375"

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No. 42	NOM
✔	✔	✔	–	#LR-406	#057

For specifications on Matching Receptacles, see Section B.

9650-P

9750-A

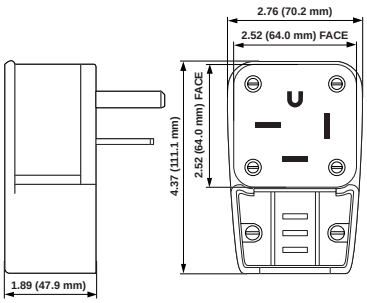
9462-P

9460-A

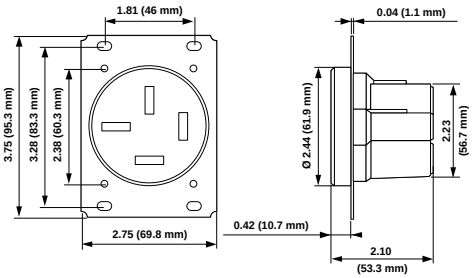
RECEPTACLES OPERATING TEMP.
-40°C to 75°C

TYPE	ANGLE PLUG	NEMA	MATCHING RECEPTACLE	NEMA
50A 125V, 2-P 3-W, Grounding				
Black & White	9550-P	5-50P	5373	5-50R
50A 250V, 2-P 3-W, Grounding				
Black & White	9650-P	6-50P	5374	6-50R
50A 277V AC, 2-P 3-W, Grounding				
Black & White	9750-P	7-50P	9750-A	7-50R
50A 125/250V, 3-P 3-W, Non-Grounding				
Black & White	9450-P	10-50P	5206	10-50R
50A 125/250V, 3-P 4-W, Grounding				
Black & White	9452-P	14-50P	279	14-50R

TYPE	ANGLE PLUG	NEMA	MATCHING RECEPTACLE	NEMA
50A 250V, 3-P 4-W 3ØY, Grounding				
Black & White	8452-P	15-50P	8450	15-50R
50A 120/208V, 4-P 4-W 3ØY, Non-Grounding				
Black & White	8352-P	18-50P	8350	18-50R
60A 125/250V, 3-P 4-W, Grounding				
Black & White	9462-P	14-60P	9460	14-60R
60A 250V, 3-P 4-W 3ØY, Grounding				
Black & White	8462-P	15-60P	8460	15-60R
60A 277V AC, 4-P 4-W 3ØY, Non-Grounding				
Black & White	8362-P	18-60P	8360	18-60R



DIMENSIONS APPLY TO ALL ANGLE PLUGS ON THIS PAGE



8350

15A 125V; 15A 250V

Commercial Grade

10 YEAR LIMITED WARRANTY

NEMA 5-15P | NEMA 5-15R | NEMA 6-15P | NEMA6-15R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	30°C max at full rated current after 50 cycles overload at 150% rated current for both AC and DC per UL 498

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White,neutral	#18 – #12 AWG	Ratings & NEMA I.D. permanently marked on device	.245" –.700"

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No. 42	NOM
✓	✓	✓	–	#LR-406	#057

515PA

515PV

515CV

515AN

5278-C

5239

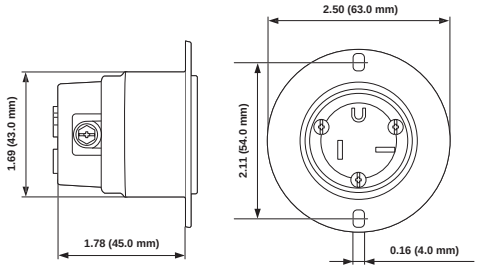
5279-C

TYPE	PLUG	CONNECTOR	ANGLE PLUG	FLANGED INLET	FLANGED OUTLET
15A 125V, NEMA 5-15P AND 5-15R, 2-P 3-W, Grounding					
Commercial Grade					
Yellow PVC	515PV	515CV	–	–	–
White PVC	–	–	515AN	–	–
Yellow and Steel Armored	515PA	515CA	–	–	–
Black Rubber	515PR	515CR	–	–	–
Black	–	–	–	5239	–
Industrial Grade					
All White	–	–	–	5278-C	5279-C

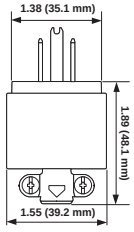
615PR

5240

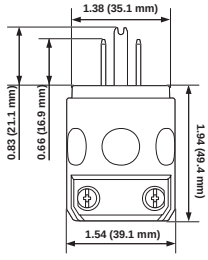
TYPE	PLUG	CONNECTOR	ANGLE PLUG	FLANGED INLET	FLANGED OUTLET
15A 250V, NEMA 6-15P AND 6-15R, 2-P 3-W, Grounding					
Commercial Grade					
Yellow PVC	615PV	–	–	–	–
Yellow and Steel Armored	615PA	615CA	–	–	–
Brown Base,White Flange	–	–	–	5240	–
Black Rubber	615PR	–	–	–	–
Industrial Grade					
All White	–	–	–	15678-C	15679-C



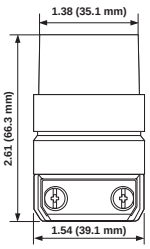
5378-C



515PA



515PV



615LR

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20A 125V; 20A 250V

Commercial Grade

NEMA 5-20P | NEMA 5-20R | NEMA 6-20P | NEMA6-20R

10 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	30°C max at full rated current after 50 cycles overload at 150% rated current for both AC and DC per UL 498

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White,neutral	#18 – #12 AWG	Ratings & NEMA I.D. permanently marked on device	.245" – .700"
ENVIRONMENTAL			
FLAMMABILITY		OPERATING TEMP.	
Rated V-2 per UL 94		-40°C to 60°C	

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No. 42	NOM
✓	✓	✓	–	#LR-406	#057

520PV

520CV

15378-C

15379-C

TYPE	PLUG	CONNECTOR	FLANGED INLET	FLANGED OUTLET
20A 125V, NEMA 5-20P AND 5-20R, 2-P 3-W, Grounding				
Commercial Grade				
Yellow PVC	520PV	520CV	–	–
Yellow and Armored Steel	520PA	520CA	–	–
Black Rubber	520PR	520CR	–	–
All White	–	–	15378-C	15379-C

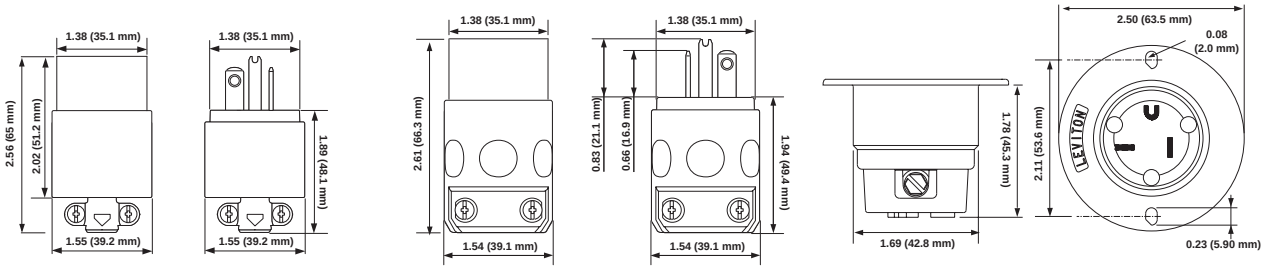
620PA

620CA

5829

5479-C

TYPE	PLUG	CONNECTOR	FLANGED INLET	FLANGED OUTLET
20A 250V, NEMA 6-20P AND 6-20R, 2-P 3-W, Grounding				
Commercial Grade				
Yellow PVC	620PV	620CV	–	–
Yellow and Armored Steel	620PA	620CA	–	–
Brown Base, White Flange	–	–	5829	–
Black Rubber	620PR	620CR	–	–
All White	–	–	5478-C	5479-C



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10 YEAR LIMITED WARRANTY

Commercial Grade Plugs with Interchangeable Blades

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	30°C max at full rated current after 50 cycles overload at 150% rated current for both AC and DC per UL 498

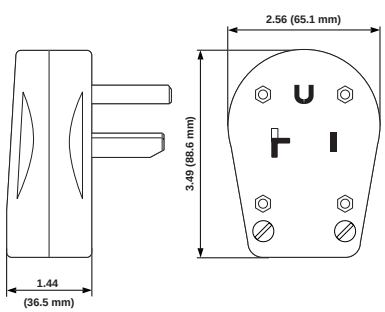
MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White,neutral	#14 – #6 AWG	Ratings & NEMA I.D. permanently marked on device	Refer to Table Below
ENVIRONMENTAL			
FLAMMABILITY		**OPERATING TEMP.**	
Rated V-2 per UL 94		-40°C to 60°C	

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No. 42	NOM
✓	✓	✓	–	#LR-406	#057

931

830-T

TYPE	ANGLE PLUG	NEMA		CORD DIAMETER
30A 125V; 50A-125V, 2-P 3-W, Grounding				
Black Vinyl	**930**	5-30P	5-50P	**.630" – 1.050"**
30A 250V; 50A-250V, 2-P 3-W, Grounding				
Black Vinyl	**931**	6-30P	6-50P	**.630" – 1.050"**
30A 125/250V; 50A-125/250V, 3-P 3-W, Non-Grounding				
Black Vinyl	**287-T**	10-30P	10-50P	**.687" – 1.050"**
30A 125/250V; 50A-125/250V, 3-P 4-W, Grounding				
Black Vinyl	**275-T**	14-30P	14-50P	**.750" – 1.125"**
30A 125V, 2-P 3-W, Grounding				
Black Vinyl Travel Trailer Angle Plug For Use With 7313 Receptacle	**830-T**	ANSI Std. C73.13 TT-30P		**.687" – .875"**



930, 931, 287-T, 275-T

15A 125V & 250V; 20A 125V & 250V

Industrial Grade

LEVITON

2 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 1500V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

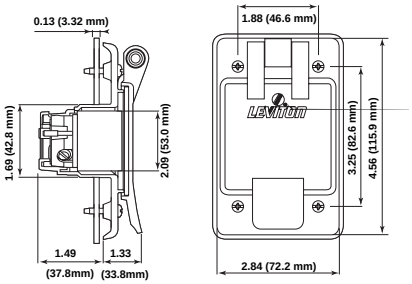
MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White, neutral	#18 – #10 AWG	Ratings & NEMA I.D. permanently marked on device	–
ENVIRONMENTAL			
FLAMMABILITY		OPERATING TEMP.	
Rated V-2 per UL 94		-40°C to 60°C	

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✓	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR-16347	#057

Engineered to IP64 Splashproof & Dust-Tight

Integrated Power Inlets and Outlets with Weather-Resistant Covers

5279-FWP



TYPE	FLANGED INLET STANDARD WIRE WELLS	NEMA	FLANGED OUTLET STANDARD WIRE WELLS	NEMA	FLANGED INLET SLOTS FOR FORK TERMINALS	NEMA	FLANGED OUTLET SLOTS FOR FORK TERMINALS	NEMA
15A 125V, 2-P 3-W Straight Blade, Grounding								
Gray Glass-Filled Thermoplastic Cover Device White Nylon	5278-CWP	5-15P	5279-CWP	5-15R	5278-FWP	5-15P	5279-FWP	5-15R
15A 250V, 2-P 3-W Straight Blade, Grounding								
Gray Glass-Filled Thermoplastic Cover Device White Nylon	15678-CWP	6-15P	15679-CWP	6-15R	–	–	–	–
20A 125V, 2-P 3-W Straight Blade, Grounding								
Gray Glass-Filled Thermoplastic Cover Device White Nylon	15378-CWP	5-20P	15379-CWP	5-20R	–	L5-15P	–	L5-15R
20A 250V, 2-P 3-W Straight Blade, Grounding								
Gray Glass-Filled Thermoplastic Cover Device White Nylon	5478-CWP	6-20P	5479-CWP	6-20R	–	–	–	–

High Visibility Plug & Connector Cord Clamps

CLAMP COLOR	CATALOG NUMBER
15 & 20A, Straight Blade	
Blue	Clamp-1BU
Green	Clamp-1GN
Red	Clamp-1R
Yellow	Clamp-1Y
Black	Clamp-1E

Note: Packaged 50 pieces per box. Clamps do not include screws or cord clamp insert.

5266-C Plug with Wire Mesh Grip

See Connection Wire Mesh Grip Chart on page O11.

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

Glossary

General Terms

Flanged Inlet — A plug intended for flush mounting on appliances or equipment to provide a means for power connection via a cord connector.

Flanged Outlet — A receptacle intended for flush mounting on appliances or equipment to provide a means for power connection via an inserted plug.

Plug — A device with male contacts intended for insertion into a receptacle to establish electrical connection between the attached flexible cord and the conductors connected to the receptacle.

Wallplate — A plate designed to enclose an electrical box, with or without a device installed within the box.

Cord Connectors

Angle —A connector that allows the attached flexible cord to exit at right angles.

Corrosion Resistant — A connector constructed of special materials and/or suitably plated metal parts that is designed to withstand corrosive environments. Corrosion resistant devices pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion.

Dust-Tight— A connector designed so that dust will not interfere with its operation. The IP Suitability Rating designates the degree of protection a device offers against the ingress of foreign objects (e.g. IP 20).

Explosion Proof — A connector constructed to meet the requirements of hazardous locations as defined by the National Electrical Code, NFPA-70.

Hospital Grade — A connector designed to meet the performance requirements of high-abuse areas typically found in health care facilities. These connectors are tested to the Hospital Grade requirements of Underwriter's Laboratories Inc. Standard 498.

Midget — A connector designed with a smaller body diameter than standard connectors with a similar rating.

Molded On — A connector that is factory molded to a length of flexible cord.

Pin and Sleeve — A connector with hollow, cylindrical sleeve-type contacts.

Straight Blade — A non-locking connector into which mating plugs are inserted at a right angle to the plane of the connector face.

Weatherproof — A connector specially constructed so that exposure to weather will not interfere with its operation.

Flanged Inlets

Corrosion Resistant — An inlet constructed of special materials and/or suitably plated metal parts that is designed to withstand corrosive environments. Corrosion resistant devices pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion.

Flush-Mounted — An inlet intended to be installed flush with the surface of a panel or a piece of equipment.

Midget — An inlet designed with a smaller body diameter than standard connectors with a similar rating.

Pin and Sleeve — An inlet with round pin-type contacts intended to mate with a connector having hollow cylindrical female contacts.

Straight Blade — A non-locking inlet into which mating connectors are inserted at a right angle to the plane of the connector face.

Surface-Mounted — An inlet designed to be surface mounted on a panel or piece of equipment.

Watertight — An inlet specially constructed so that water will not enter under specified test conditions. The IP Suitability Rating designates the degree of protection a device offers against the ingress of moisture and water (e.g. IP 55, IP 44).

Weatherproof — An inlet specially constructed to protect it from the effects of weather in outdoor locations.

Flanged Outlets

Corrosion Resistant — An outlet constructed of special materials and/or suitably plated metal parts that is designed to withstand corrosive environments. Corrosion resistant devices pass the ASTM B17-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion.

Flush-Mounted — An outlet intended to be installed flush with the surface of a panel or a piece of equipment.

Midget — An outlet designed with a smaller body diameter than standard devices with a similar rating.

Pin and Sleeve — An outlet with hollow cylindrical female contacts intended to mate with a plug having round pin contacts.

Straight Blade — A non-locking outlet into which mating straight-blade plugs are inserted at a right angle to the plane of the outlet face.

Surface-Mounted — An outlet designed to be surface mounted on a panel or piece of equipment.

Watertight — An outlet specially constructed so that water will not enter under specified test conditions. The IP Suitability Rating designates the degree of protection a device offers against the ingress of moisture and water (e.g. IP 55, IP 44).

Weatherproof — An outlet specially constructed so that exposure to weather will not interfere with its operation.

Plugs

Angle — A plug that allows the attached flexible cord to exit at right angles.

Corrosion Resistant — A plug constructed of special materials and/or suitably plated metal parts that is designed to withstand corrosive environments. Corrosion resistant devices pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion.

Dust-Tight — A plug designed so that dust will not interfere with its operation. The IP Suitability Rating designates the degree of protection a device offers against the ingress of foreign objects (e.g. IP 20).

Explosion Proof — A plug constructed to meet the requirements of hazardous locations as defined by the National Electrical Code, NFPA-70.

Hospital Grade — A plug designed to meet the performance requirements of high-abuse areas typically found in health care facilities. These plugs are tested to the Hospital Grade requirements of Underwriter's Laboratories Inc. Standard 498.

Midget — A plug designed with a smaller body diameter than standard plugs with a similar rating.

Molded On — A plug that is factory molded to a length of flexible cord.

Pin and Sleeve — A plug with round pin blades.

Straight Blade — A non-locking plug that is inserted at a right angle to the plane of the matching device face.

Weatherproof — A plug specially constructed so that exposure to weather will not interfere with its operation.

Horsepower Ratings for NEMA Configurations for Straight Blade Plugs, Connectors, Receptacles, Inlets and Outlets

NEMA	AC HP Rating	Rating
1-15	0.5	15A-125V
2-15	1.5*	15A-250V
2-20	2*	20A-250V
2-30	2*	30A-250V
5-15	0.5	15A-125V
5-20	1	20A-125V
5-30	2	30A-125V
5-50	2	50A-125V
6-15	1.5*	15A-250V
6-20	2*	20A-250V
6-30	2*	30A-250V
6-50	3*	50A-250V
7-15	2	15A-277V AC Only
7-20	2	20A-277V AC Only
7-30	3	30A-277 V AC Only
7-50	5	50A-277V AC Only
10-20	2 L-L*/1 L-N	20A-125/250V
10-30	2 L-L*/2 L-N	30A-125/250V
10-50	3 L-L*/2 L-N	50A-125/250V
11-15	2	15A-250V 3Ø
11-20	3	20A-250V 3Ø
11-30	3	30A-250V 3Ø
11-50	7.5	50A-250V 3Ø
14-15	1.5 L-L*/0.5 L-N	15A-125/250V
14-20	2 L-L*/1 L-N	20A-125/250V
14-30	2 L-L*/2 L-N	30A-125/250V
14-50	3 L-L*/2 L-N	50A-125/250V
14-60	3 L-L*/2 L-N	60A-125/250V
15-15	2	15A-250V 3Ø
15-20	3	20A-250V 3Ø
15-30	3	30A-250V 3Ø
15-50	7.5	50A-250V 3Ø
15-60	10	60A-250V 3Ø
18-15	2	15A-120/208V 3ØY
18-20	2	20A-120/208V 3ØY
18-30	3	30A-120/208V 3ØY
18-50	7.5	50A-120/208V 3ØY
18-60	7.5	60A-120/208V 3ØY

L-L Denotes phase-to-phase HP rating • L-N Denotes phase-to-neutral HP rating
* Suitable for 208V motor applications at HP rating

NEMA Straight Blade Configurations

NEMA CONFIGURATIONS FOR GENERAL-PURPOSE STRAIGHT BLADE PLUGS AND RECEPTACLES

WIRING/VOLTAGE			15 AMPERE		20 AMPERE		30 AMPERE		50 AMPERE		60 AMPERE	
			RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG
2-POLE 2-WIRE	125V	1	1-15R	C5 1-15P								
	250V	2		2-15P	2-20R	2-20P	2-30R	2-30P				
	277V AC	3	RESERVED FOR FUTURE CONFIGURATIONS									
	600V	4	RESERVED FOR FUTURE CONFIGURATIONS									
2-POLE 3-WIRE GROUNDING	125V	5	C5, 7, 8, 12 & 15 5-15R	C5, 7, 8, 12 & 15 5-15P	C6, 7, 8, 13, & 15 5-20R	C6, 7, 8, 13, & 15 5-20P	C10 5-30R	C10 5-30P	C11 5-50R	C11 5-50P		
	250V	6	C5, 7, 8, 12, & 15 6-15R	C5, 7, 8, 12, & 15 6-15P	C6, 7, 8, 13, & 15 6-20R	C6, 7, 8, 13, & 15 6-20P	C10 6-30R	C10 6-30P	C11 6-50R	C11 6-50P		
	277V AC	7	7-15R	7-15P	7-20R	7-20P	C10 7-30R	C10 7-30P	C11 7-50R	C11 7-50P		
	347V AC	24	24-15R	24-15P	24-20R	24-20P	24-30R	24-30P	24-50R	25-50P		
	480V AC	8	RESERVED FOR FUTURE CONFIGURATIONS									
	600V	9	RESERVED FOR FUTURE CONFIGURATIONS									
3-POLE 3-WIRE	125/250V	10			C9 10-20R	C9 10-20P	C10 10-30R	C10 10-30P	C11 10-50R	C11 10-50P		
	3Ø 250V	11	11-15R	11-15P	11-20R	11-20P	11-30R	11-30P	11-50R	11-50P		
	3Ø 480V	12	RESERVED FOR FUTURE CONFIGURATIONS									
	3Ø 600V	13	RESERVED FOR FUTURE CONFIGURATIONS									
3-POLE 4-WIRE GROUNDING	125/250V	14	14-15R	14-15P	14-20R	14-20P	C10 14-30R	C10 14-30P	C11 14-50R	C11 14-50P	C11 14-60R	C11 14-60P
	3Ø 250V	15	15-15R	15-15P	15-20R	15-20P	C10 15-30R	C10 15-30P	C11 15-50R	C11 15-50P	C11 15-60R	C11 15-60P
	3Ø 480V	16	RESERVED FOR FUTURE CONFIGURATIONS									
	3Ø 600V	17	RESERVED FOR FUTURE CONFIGURATIONS									
4-POLE 4-WIRE	3ØY 120/208V	18	18-15R	18-15P	18-20R	C9 18-20P	C10 18-30R	C10 18-30P	C11 18-50R	C11 18-50P	C11 18-60R	C11 18-60P
	3ØY 277/480V	19	RESERVED FOR FUTURE CONFIGURATIONS									
	3ØY 347/600V	20	RESERVED FOR FUTURE CONFIGURATIONS									
4-POLE 5-WIRE GROUNDING	3ØY 120/208V	21	RESERVED FOR FUTURE CONFIGURATIONS									
	3ØY 277/480V	22	RESERVED FOR FUTURE CONFIGURATIONS									
	3ØY 347/600V	23										

Catalog page numbers appear in red.

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

D

SECTION

Watertight & Dust-Tight Plugs & Connectors

Wetguard® Product Line Section Contents

LEVITON

LIFETIME WARRANTY

Rockwell Automation Encompass Product Partner

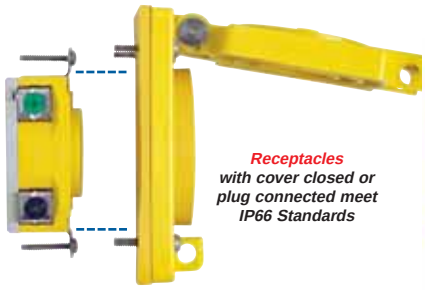
Plugs & Connectors mated or with closure caps meet IP66 & IP67 Standards

All Wetguard Devices Type 3, 3S, 4, 4X , 6 & 6P

Wetguard Products Are Engineered to Meet or Exceed UL and IEC Watertight Standards

26W47

27W47-B


67W47

Receptacles with cover closed or plug connected meet IP66 Standards

23CM-10

POLES/WIRES	AMPS	VOLTS	NEMA	PLUG		CONNECTOR W/ CLOSURE CAP		CORROSION RESISTANT RECEPTACLE, COVER, GASKET	CORROSION RESISTANT RECEPTACLE	PAGE NO.
				YELLOW	BLACK	YELLOW	BLACK			
Straight Blade 2-Pole 3-Wire Grounding	15	125V	5-15	14W47	14W47-B	15W47	15W47-B	60W47	5261-CR	D3
		250V	6-15	14W49	–	15W49	–	60W49	5661-CR	D3
		277V AC	7-15	14W34	–	15W34	–	–	–	D3
	20	125V	5-20	14W33	–	15W33	–	60W33	5361-CR	D4
		250V	6-20	14W48	–	15W48	–	60W48	5461-CR	D4
Locking 2-Pole 3-Wire Grounding	15	125V	L5-15	24W47	24W47-B	25W47	25W47-B	65W47	47CM-10	D3
		250V	L6-15	24W49	–	25W49	–	65W49	45CM-60	D3
		277V AC	L7-15	24W34	–	25W34	–	65W34	47CM-60	D3
	20	125V	L5-20	26W47	26W47-B	27W47	27W47-B	67W47	23CM-10	D4
		250V	L6-20	26W48	26W48-B	27W48	27W48-B	67W48	23CM-20	D4
		277V AC	L7-20	26W49	–	27W49	–	67W49	23CM-30	D4
Locking 3-Pole 4-Wire Grounding	20	125/250V	L14-20	26W74	–	27W74	–	67W74	24CM-10	D5
		3Ø 250V	L15-20	26W75	26W75-B	27W75	27W75-B	67W75	24CM-20	D5
		3Ø 480V	L16-20	26W76	26W76-B	27W76	27W76-B	67W76	24CM-30	D5
Locking 3-Pole 3-Wire Non-Grounding	20	125/250V	Non-NEMA	26W08	–	27W08	–	67W08*	7310-B*	D5
Locking 4-Pole 4-Wire Non-Grounding	20	3ØY 120/208V	Non-NEMA	26W09	–	27W09	–	67W09*	7410-B*	D6
Locking 4-Pole 5-Wire Grounding	20	3ØY 120/208V	L21-20	26W81	26W81-B	27W81	27W81-B	67W81*	2510*	D6
		3ØY 277/480V	L22-20	26W82	–	27W82	–	67W82*	2520*	D6
		3ØY 347/600V	L23-20	26W83	–	27W83	–	67W83*	2530*	D6
Locking 2-Pole 3-Wire Grounding	30	125V	L5-30	28W47	28W47-B	29W47	29W47-B	69W47	26CM-10	D7
		250V	L6-30	28W48	–	29W48	–	69W48	26CM-20	D7
		277V AC	L7-30	28W49	–	29W49	–	69W49*	2630*	D7
Locking 3-Pole 4-Wire Grounding	30	125/250V	L14-30	28W74	–	29W74	–	69W74	27CM-10	D7
		3Ø 250V	L15-30	28W75	28W75-B	29W75	29W75-B	69W75	27CM-20	D7
		3Ø 480V	L16-30	28W76	28W76-B	29W76	29W76-B	69W76*	2730*	D7
		3Ø 600V	L17-30	28W77	28W77-B	29W77	29W77-B	69W77*	2740*	D8
Locking 3-Pole 3-Wire Non-Grounding	30	125/250V	Non-NEMA	28W08	–	29W08	–	69W08*	3330*	D8
Locking 4-Pole 4-Wire Non-Grounding	30	3ØY 120/208V	Non-NEMA	28W09	–	29W09	–	69W09*	3430*	D8
Locking 4-Pole 5-Wire Grounding	30	3ØY 120/208V	L21-30	28W81	28W81-B	29W81	29W81-B	69W81*	2810*	D8
		3ØY 277/480V	L22-30	28W82	–	29W82	–	69W82*	2820*	D8
		3ØY 347/600V	L23-30	28W83	–	29W83	–	69W83*	2830*	D8

*** Non-corrosion resistant receptacle**

For Dustguard devices, see page D9

Wetguard® Features

LIFETIME WARRANTY

UL 498 Listed
Federal Specification WC-596 Listed
CSA Specification C22.2 No.42 Certified

WETGUARD PRODUCTS MEET IP AND NEMA WATERTIGHT STANDARDS

Wetguard Products Are Engineered to Meet or Exceed UL and IEC Watertight Standards

Superior Performance — Superior Safety

Plugs & Connectors mated or with closure caps meet IP66 & IP67 Standards

Clear back cover on wiring module for easy inspection of wired terminals

Rubber body is molded to bondable nylon substrate to maximize sealing capability

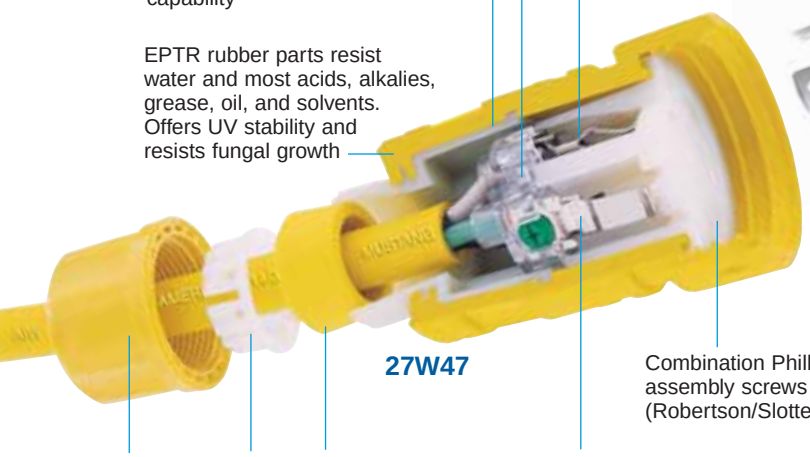
EPTR rubber parts resist water and most acids, alkalies, grease, oil, and solvents. Offers UV stability and resists fungal growth

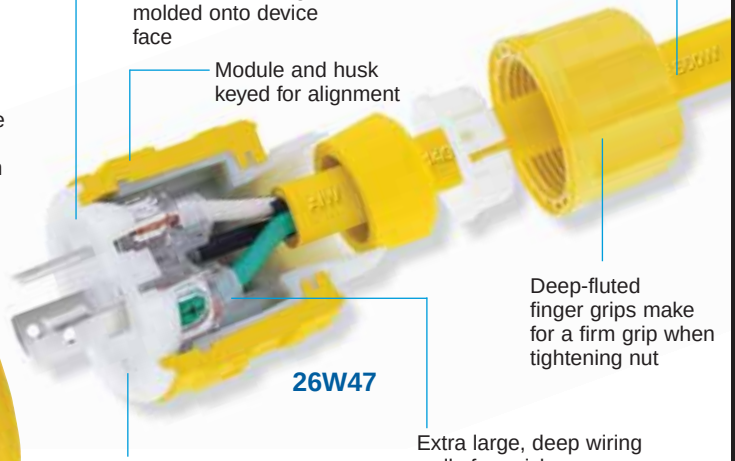
Heavy-duty, one-piece nickel-plated brass contacts for maximum conductivity

NEMA configuration number and rating molded onto device face

Module and husk keyed for alignment

Cord Ranges 0.375" min., 1125" max.





Deep-fluted finger grips make for a firm grip when tightening nut

Extra large, deep wiring wells for quick, easy insertion of stranded conductors

Non-magnetic stainless steel body assembly screws prevent electro-magnetic interference

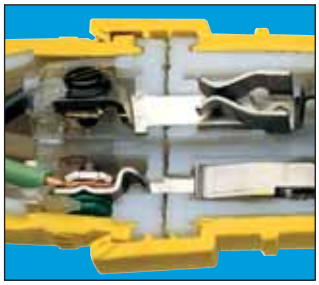
Combination Phillips/standard assembly screws (Robertson/Slotted for Canada)

Innovative strain relief system and compression nut provide a watertight seal and prevent cord slippage

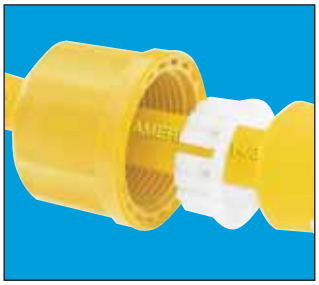
Nickel-plated brass blades, contacts, wiring screws and lugs resist corrosion

National Electrical Code Article 100 Watertight: Constructed so that moisture will not enter the enclosure under specified test conditions

Superior Performance — Superior Safety



Interlocking tongue and groove construction forms barrier against entry of dirt and moisture.



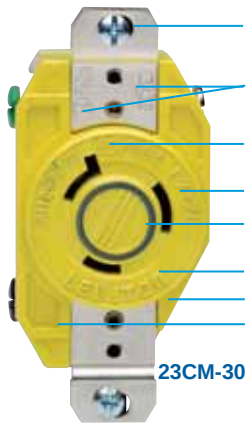
Multi-point sealing system utilizes a nut, strain relief washer and a rubber bushing to form a watertight cord grip seal.

Corrosion resistant brass nickel-plated blades pass 500 Hr. salt spray test.

Single piece high-conductivity rivetless contacts reduce potential for overheating.

COMPONENT	DESCRIPTION
Body	Ethylene Propylene Thermoplastic Rubber
Compression Nut; Strain Relief	Nylon
Wiring Module	Thermoplastic
Bushing	Ethylene Propylene Thermoplastic Rubber
Blades/Contacts; Terminal Clamps	Nickel-Plated Brass
Terminal Screws	Nickel-Plated #10 Brass
Assembly Screws	Stainless Steel 300 Series
Wiring Module	Bondable Nylon

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	✓	#E13393	#LR-406	#057



- Extra thick 0.050" nickel-plated brass mounting strap
- Stamped-in agency certifications
- Amperage & voltage rating
- NEMA line number
- Color-coded voltage rating
- Manufacturer
- Uni-body face
- Stability ribs

V-O-MAX
CORROSION RESISTANT FLUSH RECEPTACLES–UL V-0 RATING

V-0-MAX have a one-piece 0.040" thick brass, high-copper content contacts with nickel-plated clamp type terminals.

Color-Coded Voltage Ratings

125V	250V	277V AC

FLAMMABILITY CLASSIFICATIONS

The UL 94 20mm Vertical Burning Test compares plastic materials in terms of three burning characteristics: Relative Speed of Burning, Ability to Extinguish Fire and Inability to Propagate Fire. The V-0-MAX Receptacle materials have earned the best rating possible: V-0

15 Amp 2-P 3-W

LEVITON

LIFETIME WARRANTY

ELECTRICAL	
DIELECTRIC VOLTAGE	CURRENT INTERR.
Withstands 2000V per UL 498	Full rated current
TEMP. RISE	
Max 30°C after 250 cycles of overload at 200% of rated current	

MECHANICAL			
TERMINAL I.D.	PRODUCT I.D.	DEVICE TYPE	CORD GRIP RANGE
Brass, hot	Ratings & NEMA I.D. permanently marked on device	15 & 20A Straight Blade & 15A Locking – 3-Wire	(.375" – .655") #18 – #10 AWG
Grounding		20A Locking 3-,4- & 5-Wire	(.375" – .875") #18 – #10 AWG
White,neutral		30A Locking 3-,4- & 5-Wire	(.625" – 1.125") #12 – #8 AWG

ENVIRONMENTAL			STANDARDS & CERTIFICATIONS						
FLAMMABILITY		OPERATING TEMP.	NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596		CSA C22.2 No.42	NOM
Plugs & Connectors Rated V-2 per UL 94	Receptacles Rated V-0 per UL 94	-40°C to 60°C	✓	✓	✓	Plugs & Connectors #E13393	Receptacles #E13399	#LR-406	#057

LEVITON Wetguard®

Wetguard Products Are Engineered to Meet or Exceed UL and IEC Watertight Standards

Plugs & Connectors mated or with closure caps meet IP66 & IP67 Standards

14W47 | 14W47-B | 15W47 | 15W47-B | 60W47

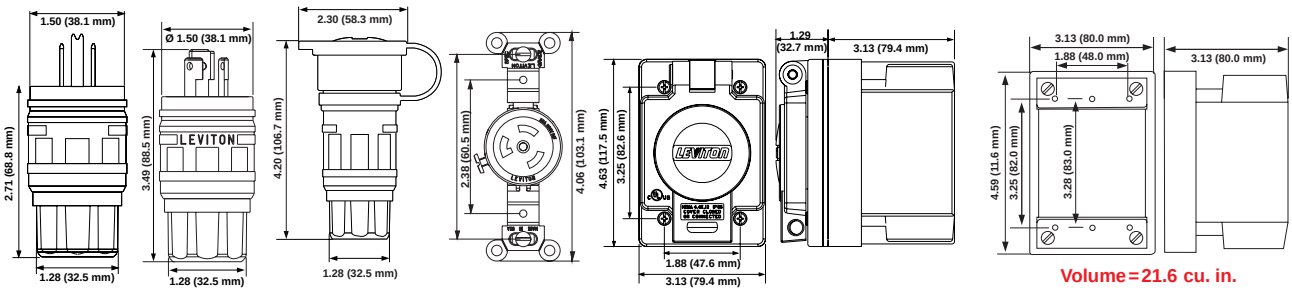
Receptacles with cover closed or plug connected meet IP66 Standards

All Wetguard Devices Type 3, 3S, 4, 4X , 6 & 6P

47CM-10

TYPE-EPTR	PLUG	NEMA PLUG	CONNECTOR w/ CLOSURE CAP	CORROSION RESISTANT RECEPTACLE, COVER, GASKET	CORROSION RESISTANT RECEPTACLE	NEMA RECEPTACLE
15A 125V, 2-P 3-W, Grounding						
Yellow Rubber	14W47	5-15P	15W47	60W47	5261-CR	5-15R
Black Rubber	14W47-B		15W47-B	See Below for Black Catalog No.	–	
15A 250V, 2-P 3-W, Grounding						
Yellow Rubber	14W49	6-15P	15W49	60W49	5661-CR	6-15R
15A 277V, 2-P 3-W, Grounding						
Yellow Rubber	14W34	7-15P	15W34	–	–	7-15R
15A 125V, 2-P 3-W, Grounding						
Yellow Rubber	24W47	L5-15P	25W47	65W47	47CM-10	L5-15R
Black Rubber	24W47-B		25W47-B			
15A 250V, 2-P 3-W, Grounding						
Yellow Rubber	24W49	L6-15P	25W49	65W49	45CM-60	L6-15R
15A 277V, 2-P 3-W, Grounding						
Yellow Rubber	24W34	L7-15P	25W34	65W34	47CM-60	L7-15R

CONNECTOR CAPS For Black Caps, Add Suffix -B		PLUG CAPS For Black Caps, Add Suffix -B		COVER w/ GASKET For Black Covers, Add Suffix -B		BLANK PLATE w/ GASKET		FD BOX GLASS-FILLED POLYESTER (2 KO Openings)	
	Yellow		Yellow		Yellow		Yellow		Yellow
	15/20A Str.Blade & 15A Locking		15/20A Str.Blade & 15A Locking		15/20A Str.Blade & 15A Locking		WP459		1/2"
	50W50		14W		60W03				452CR
	20A Locking		20A Locking		20A Locking				3/4"
	50W52		26W		60W04				453CR
	30A Locking		30A Locking		30A Locking				1"
	50W54		28W		60W05				454CR



PLUGS,CONNECTORS & RECEPTACLES | FD BOX & COVER | FD BOX

Volume = 21.6 cu. in.

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

20 Amp 2-P 3-W

LIFETIME WARRANTY

ELECTRICAL	
DIELECTRIC VOLTAGE	CURRENT INTERR.
Withstands 2000V per UL 498	Full rated current
TEMP. RISE	
Max 30°C after 250 cycles of overload at 200% of rated current	

MECHANICAL			
TERMINAL I.D.	PRODUCT I.D.	DEVICE TYPE	CORD GRIP RANGE
Brass, hot	Ratings & NEMA I.D. permanently marked on device	15 & 20A Straight Blade & 15A Locking – 3-Wire	(.375" – .655") #18 – #10 AWG
Grounding		20A Locking 3-,4- & 5-Wire	(.375" – .875") #18 – #10 AWG
White,neutral		30A Locking 3-,4- & 5-Wire	(.625" – 1.125") #12 – #8 AWG

ENVIRONMENTAL			STANDARDS & CERTIFICATIONS						
FLAMMABILITY		OPERATING TEMP.	NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596		CSA C22.2 No.42	NOM
Plugs & Connectors Rated V-2 per UL 94	Receptacles Rated V-0 per UL 94	-40°C to 60°C	✓	✓	✓	Plugs & Connectors #E13393	Receptacles #E13399	#LR-406	#057

Wetguard

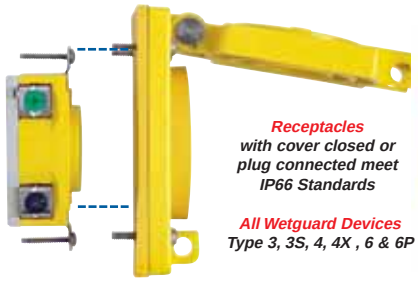
Wetguard Products Are Engineered to Meet or Exceed UL and IEC Watertight Standards

Plugs & Connectors mated or with closure caps meet IP66 & IP67 Standards

26W47

27W47

27W47-B


67W47

Receptacles with cover closed or plug connected meet IP66 Standards

All Wetguard Devices Type 3, 3S, 4, 4X , 6 & 6P

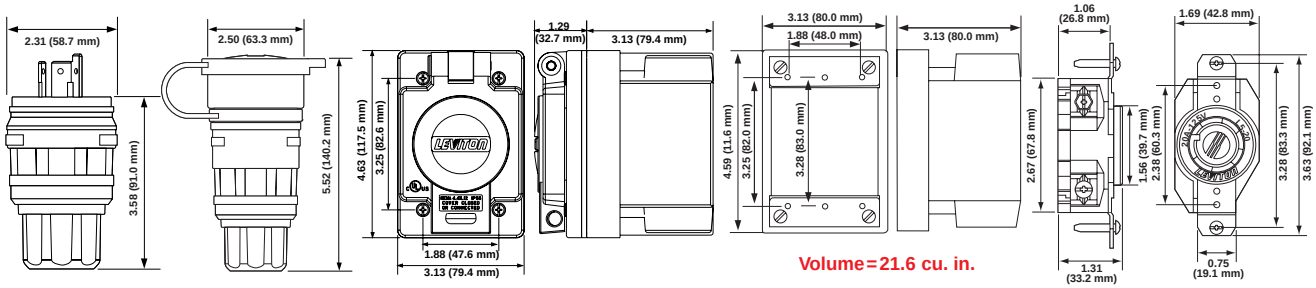
23CM-10

TYPE-EPTR	PLUG	NEMA PLUG	CONNECTOR w/ CLOSURE CAP	CORROSION RESISTANT RECEPTACLE,COVER, GASKET	CORROSION RESISTANT RECEPTACLE	NEMA RECEPTACLE
20A 125V, 2-P 3-W, Grounding						
Yellow EPTR	14W33	5-20P	15W33	60W33	5361-CR	5-20R
20A 250V, 2-P 3-W, Grounding						
Yellow EPTR	14W48	6-20P	15W48	60W48	5461-CR	6-20R
20A 125V, 2-P 3-W, Grounding						
Yellow EPTR	26W47	L5-20P	27W47	67W47	23CM-10	L5-20R
Black EPTR	26W47-B		27W47-B	See Below for Black Catalog No.	–	
20A 250V, 2-P 3-W, Grounding						
Yellow EPTR	26W48	L6-20P	27W48	67W48	23CM-20	L6-20R
Black EPTR	26W48-B		27W48-B			
20A 277V, 2-P 3-W, Grounding						
Yellow EPTR	26W49	L7-20P	27W49	67W49	23CM-30	L7-20R

CONNECTOR CAPS For Black Caps, Add Suffix -B	PLUG CAPS For Black Caps, Add Suffix -B	COVER w/ GASKET For Black Covers, Add Suffix -B	BLANK PLATE w/ GASKET	FD BOX GLASS-FILLED POLYESTER (2 KO Openings)
Yellow 15/20A Str.Blade & 15A Locking 50W50 20A Locking 50W52 30A Locking 50W54	Yellow 15/20A Str.Blade & 15A Locking 14W 20A Locking 26W 30A Locking 28W	Yellow 15/20A Str.Blade & 15A Locking 60W03 20A Locking 60W04 30A Locking 60W05	Yellow WP459	Yellow 1/2" 452CR 3/4" 453CR 1" 454CR

Canadian Specifications: Applies to pages D3 & D4

15W16 — NEMA 15-20, 15 Amp 347V AC and 15W18 — NEMA 24-20, 20 Amp 347V AC are available. Please consult factory for availability.



20A LOCKING PLUGS & CONNECTORS | FD BOX & COVER | FD BOX | CORROSION-RESISTANT RECEPTACLES

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

20 Amp
3-P 3-W, 3-P 4-W

LEVITON

LIFETIME WARRANTY

ELECTRICAL	
DIELECTRIC VOLTAGE	CURRENT INTERR.
Withstands 2000V per UL 498	Full rated current
TEMP. RISE	
Max 30°C after 250 cycles of overload at 200% of rated current	

MECHANICAL			
TERMINAL I.D.	PRODUCT I.D.	DEVICE TYPE	CORD GRIP RANGE
Brass, hot	Ratings & NEMA I.D. permanently marked on device	15 & 20A Straight Blade & 15A Locking – 3-Wire	(.375" – .655") #18 – #10 AWG
Grounding		20A Locking 3-,4- & 5-Wire	(.375" – .875") #18 – #10 AWG
White,neutral		30A Locking 3-,4- & 5-Wire	(.625" – 1.125") #12 – #8 AWG

ENVIRONMENTAL			STANDARDS & CERTIFICATIONS						
FLAMMABILITY		OPERATING TEMP.	NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596		CSA C22.2 No.42	NOM
Plugs & Connectors	Receptacles					Plugs & Connectors	Receptacles		
Rated V-2 per UL 94	Rated V-0 per UL 94	-40°C to 60°C	✓	✓	✓	#E13393	#E13399	#LR-406	#057

LEVITON Wetguard®

Wetguard Products Are Engineered to Meet or Exceed UL and IEC Watertight Standards

Plugs & Connectors mated or with closure caps meet IP66 & IP67 Standards

26W76

27W74

67W74

Receptacles with cover closed or plug connected meet IP66 Standards

All Wetguard Devices Type 3, 3S, 4, 4X, 6 & 6P

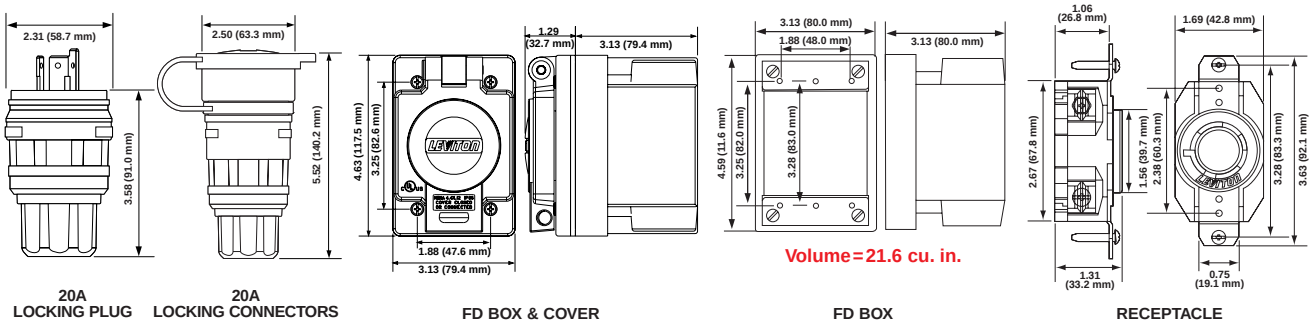
24CM-10

TYPE-EPTR	PLUG	NEMA PLUG	CONNECTOR w/ CLOSURE CAP	CORROSION RESISTANT RECEPTACLE, COVER, GASKET	CORROSION RESISTANT RECEPTACLE	NEMA RECEPTACLE
20A 125/250V, 3-P 4-W, Grounding						
Yellow EPTR	26W74	L14-20P	27W74	67W74	24CM-10	L14-20R
20A 3ø 250V, 3-P 4-W, Grounding						
Yellow EPTR	26W75	L15-20P	27W75	67W75	24CM-20	L15-20R
Black EPTR	26W75-B		27W75-B			
20A 3ø 480V, 3-P 4-W, Grounding						
Yellow EPTR	26W76	L16-20P	27W76	67W76	24CM-30	L16-20R
Black EPTR	26W76-B		27W76-B			
20A 125/250V, Non-NEMA, 3-P 3-W, Non-Grounding, Non UL Listed - for Replacement Use Only						
Yellow EPTR	26W08	Non-NEMA	27W08	67W08*	7310-B*†	Non-NEMA

*** Non-corrosion resistant receptacle**

† 20A/250V, 10A/600V 2-P 3-W Grounding Version Available (Cat. No. 7310-BG)

CONNECTOR CAPS For Black Caps, Add Suffix -B		PLUG CAPS For Black Caps, Add Suffix -B		COVER w/ GASKET For Black Covers, Add Suffix -B		BLANK PLATE w/ GASKET		FD BOX GLASS-FILLED POLYESTER (2 KO Openings)	
	Yellow 15/20A Str.Blade & 15A Locking 50W50 20A Locking 50W52 30A Locking 50W54		Yellow 15/20A Str.Blade & 15A Locking 14W 20A Locking 26W 30A Locking 28W		Yellow 15/20A Str.Blade & 15A Locking 60W03 20A Locking 60W04 30A Locking 60W05		Yellow WP459		Yellow 1/2" 452CR 3/4" 453CR 1" 454CR



20A LOCKING PLUG | 20A LOCKING CONNECTORS | FD BOX & COVER | FD BOX | RECEPTACLE

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

20 Amp
4-P 4-W, 4-P 5-W

LIFETIME WARRANTY

ELECTRICAL	
DIELECTRIC VOLTAGE	CURRENT INTERR.
Withstands 2000V per UL 498	Full rated current
TEMP. RISE	
Max 30°C after 250 cycles of overload at 200% of rated current	

MECHANICAL			
TERMINAL I.D.	PRODUCT I.D.	DEVICE TYPE	CORD GRIP RANGE
Brass, hot	Ratings & NEMA I.D. permanently marked on device	15 & 20A Straight Blade & 15A Locking – 3-Wire	(.375" – .655") #18 – #10 AWG
Grounding		20A Locking 3-,4- & 5-Wire	(.375" – .875") #18 – #10 AWG
White,neutral		30A Locking 3-,4- & 5-Wire	(.625" – 1.125") #12 – #8 AWG

ENVIRONMENTAL			STANDARDS & CERTIFICATIONS						
FLAMMABILITY		OPERATING TEMP.	NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596		CSA C22.2 No.42	NOM
Plugs & Connectors Rated V-2 per UL 94	Receptacles Rated V-0 per UL 94	-40°C to 60°C	✓	✓	✓	Plugs & Connectors #E13393	Receptacles #E13399	#LR-406	#057

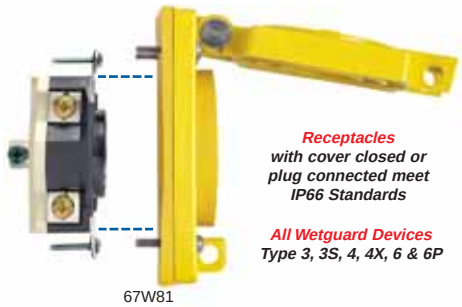
LEVITON Wetguard®

Wetguard Products Are Engineered to Meet or Exceed UL and IEC Watertight Standards

Plugs & Connectors mated or with closure caps meet IP66 & IP67 Standards

26W83

27W83


67W81

Receptacles with cover closed or plug connected meet IP66 Standards

All Wetguard Devices Type 3, 3S, 4, 4X, 6 & 6P

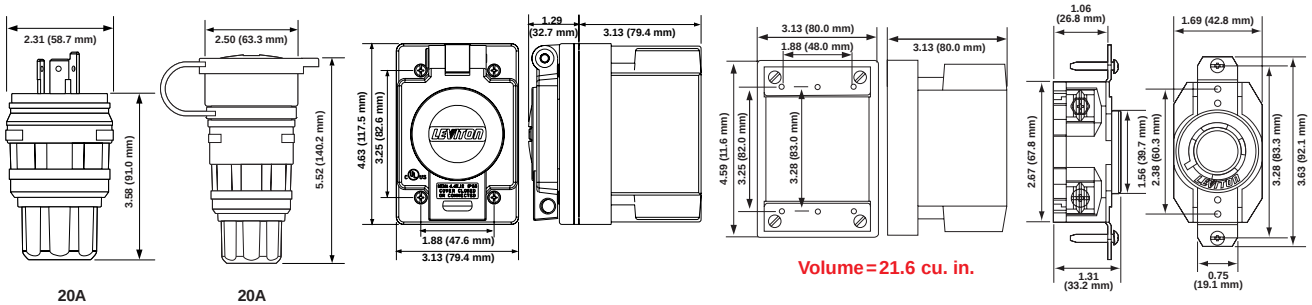
2510

TYPE-EPTR	PLUG	NEMA PLUG	CONNECTOR w/ CLOSURE CAP	RECEPTACLE, CORROSION RESISTANT COVER & GASKET	RECEPTACLE	NEMA RECEPTACLE
20A 3øY 120/208V, Non-NEMA, 4-P 4-W, Non-Grounding, Non UL Listed - for Replacement Use Only						
Yellow EPTR	26W09	Non-NEMA	27W09	67W09*	7410-B*†	Non-NEMA
20A 3øY 120/208V, 4-P 5-W, Grounding						
Yellow EPTR	26W81	L21-20P	27W81	67W81*	2510*	L21-20R
Black EPTR	26W81-B		27W81-B	See Below for Black Catalog No.	–	
20A 3øY 277/480V, 4-P 5-W, Grounding						
Yellow EPTR	26W82	L22-20P	27W82	67W82*	2520*	L22-20R
20A 3øY 347/600V, 4-P 5-W, Grounding						
Yellow EPTR	26W83	L23-20P	27W83	67W83*	2530*	L23-20R

*** Non-corrosion resistant receptacle**

† 20A/250V, 10A/600V 3-P 4-W Grounding Version Available (Cat. No. 7410-BG)

CONNECTOR CAPS For Black Caps, Add Suffix -B		PLUG CAPS For Black Caps, Add Suffix -B		COVER w/ GASKET For Black Covers, Add Suffix -B		BLANK PLATE w/ GASKET		FD BOX GLASS-FILLED POLYESTER (2 KO Openings)	
	Yellow		Yellow		Yellow		Yellow		Yellow
	15/20A Str.Blade & 15A Locking		15/20A Str.Blade & 15A Locking		15/20A Str.Blade & 15A Locking		WP459		1/2"
	50W50		14W		60W03				452CR
	20A Locking		20A Locking		20A Locking				3/4"
	50W52		26W		60W04				453CR
	30A Locking		30A Locking		30A Locking				1"
	50W54		28W		60W05				454CR



20A LOCKING PLUG | 20A LOCKING CONNECTORS | FD BOX & COVER | FD BOX | RECEPTACLE

Volume = 21.6 cu. in.

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

30 Amp
2-P 3-W, 3-P 4-W

LEVITON

LIFETIME WARRANTY

ELECTRICAL	
DIELECTRIC VOLTAGE	CURRENT INTERR.
Withstands 2000V per UL 498	Full rated current
TEMP. RISE	
Max 30°C after 250 cycles of overload at 200% of rated current	

MECHANICAL			
TERMINAL I.D.	PRODUCT I.D.	DEVICE TYPE	CORD GRIP RANGE
Brass, hot	Ratings & NEMA I.D. permanently marked on device	15 & 20A Straight Blade & 15A Locking – 3-Wire	(.375" – .655") #18 – #10 AWG
Grounding		20A Locking 3-,4- & 5-Wire	(.375" – .875") #18 – #10 AWG
White,neutral		30A Locking 3-,4- & 5-Wire	(.625" – 1.125") #12 – #8 AWG

ENVIRONMENTAL			STANDARDS & CERTIFICATIONS						
FLAMMABILITY		OPERATING TEMP.	NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596		CSA C22.2 No.42	NOM
Plugs & Connectors	Receptacles					Plugs & Connectors	Receptacles		
Rated V-2 per UL 94	Rated V-0 per UL 94	-40°C to 60°C	✓	✓	✓	#E13393	#E13399	#LR-406	#057

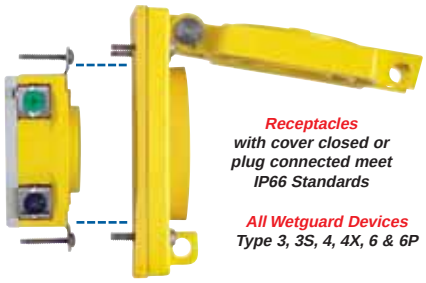
LEVITON Wetguard®

Wetguard Products Are Engineered to Meet or Exceed UL and IEC Watertight Standards

Plugs & Connectors mated or with closure caps meet IP66 & IP67 Standards

28W47-B

29W47-B


69W76

Receptacles with cover closed or plug connected meet IP66 Standards

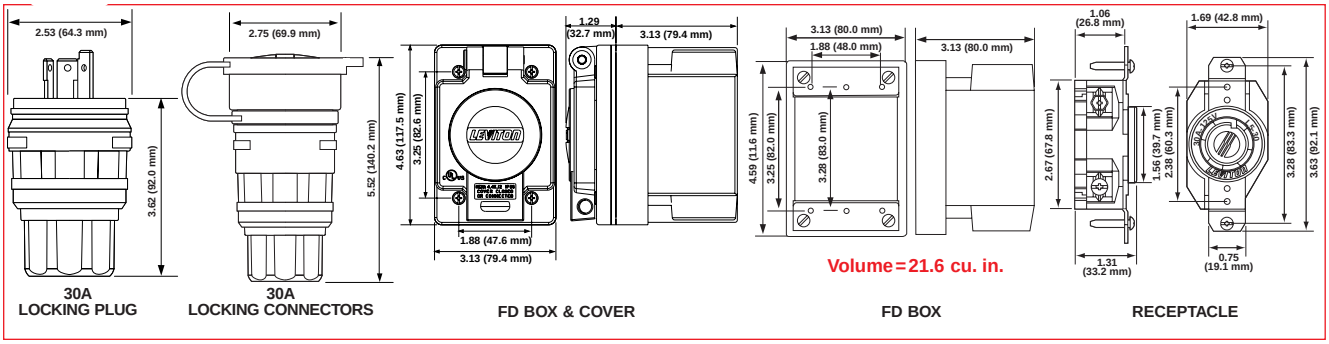
All Wetguard Devices Type 3, 3S, 4, 4X, 6 & 6P

26CM-10

TYPE-EPTR	PLUG	NEMA PLUG	CONNECTOR w/ CLOSURE CAP	CORROSION RESISTANT RECEPTACLE,COVER, GASKET	CORROSION RESISTANT RECEPTACLE	NEMA RECEPTACLE
30A 125V, 2-P 3-W, Grounding						
Yellow EPTR	28W47	L5-30P	29W47	69W47	26CM-10	L5-30R
Black EPTR	28W47-B		29W47-B	See Below for Black Catalog No.	–	
30A 250V, 2-P 3-W, Grounding						
Yellow EPTR	28W48	L6-30P	29W48	69W48	26CM-20	L6-30R
30A 277V, 2-P 3-W, Grounding						
Yellow EPTR	28W49	L7-30P	29W49	69W49*	2630*	L7-30R
30A 125/250V, 3-P 4-W, Grounding						
Yellow EPTR	28W74	L14-30P	29W74	69W74	27CM-10	L14-30R
30A 3ø 250V, 3-P 4-W, Grounding						
Yellow EPTR	28W75	L15-30P	29W75	69W75	27CM-20	L15-30R
Black EPTR	28W75-B		29W75-B			
30A 3ø 480V, 3-P 4-W, Grounding						
Yellow EPTR	28W76	L16-30P	29W76	69W76*	2730*	L16-30R
Black EPTR	28W76-B		29W76-B			

* Non-corrosion resistant receptacle

CONNECTOR CAPS For Black Caps, Add Suffix -B		PLUG CAPS For Black Caps, Add Suffix -B		COVER w/ GASKET For Black Covers, Add Suffix -B		BLANK PLATE w/ GASKET		FD BOX GLASS-FILLED POLYESTER (2 KO Openings)	
	Yellow		Yellow		Yellow		Yellow		Yellow
	15/20A Str.Blade & 15A Locking		15/20A Str.Blade & 15A Locking		15/20A Str.Blade & 15A Locking		WP459		1/2"
	50W50		14W		60W03				452CR
	20A Locking		20A Locking		20A Locking				3/4"
	50W52		26W		60W04				453CR
	30A Locking		30A Locking		30A Locking				1"
	50W54		28W		60W05				454CR



To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

LIFETIME WARRANTY

3-P 3-W, 3-P 4-W, 4P-4W, 4-P 5-W

ELECTRICAL	
DIELECTRIC VOLTAGE	CURRENT INTERR.
Withstands 2000V per UL 498	Full rated current
TEMP. RISE	
Max 30°C after 250 cycles of overload at 200% of rated current	

MECHANICAL			
TERMINAL I.D.	PRODUCT I.D.	DEVICE TYPE	CORD GRIP RANGE
Brass, hot	Ratings & NEMA I.D. permanently marked on device	15 & 20A Straight Blade & 15A Locking – 3-Wire	(.375" – .655") #18 – #10 AWG
Grounding		20A Locking 3-,4- & 5-Wire	(.375" – .875") #18 – #10 AWG
White,neutral		30A Locking 3-,4- & 5-Wire	(.625" – 1.125") #12 – #8 AWG

ENVIRONMENTAL			STANDARDS & CERTIFICATIONS						
FLAMMABILITY		OPERATING TEMP.	NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596		CSA C22.2 No.42	NOM
Plugs & Connectors Rated V-2 per UL 94	Receptacles Rated V-0 per UL 94	-40°C to 60°C	✓	✓	✓	Plugs & Connectors #E13393	Receptacles #E13399	#LR-406	#057

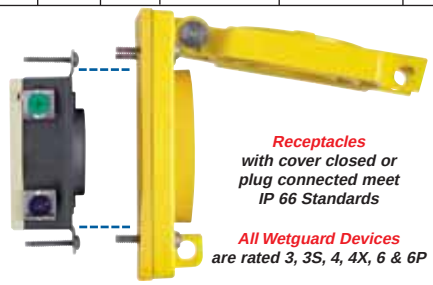
LEVITON Wetguard®

Wetguard Products Are Engineered to Meet or Exceed UL and IEC Watertight Standards

28W83

Plugs & Connectors mated or with closure caps meet IP66 & IP67 Standards

29W83



69W83

Receptacles with cover closed or plug connected meet IP 66 Standards

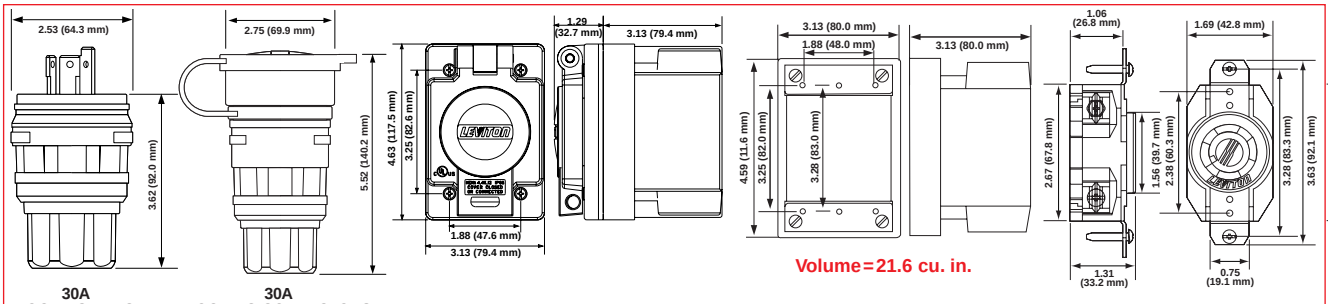
All Wetguard Devices are rated 3, 3S, 4, 4X, 6 & 6P

2810

TYPE-EPTR	PLUG	NEMA PLUG	CONNECTOR w/ CLOSURE CAP	RECEPTACLE, CORROSION RESISTANT COVER & GASKET	RECEPTACLE	NEMA RECEPTACLE
30A 3ø 600V, 3-P 4-W, Grounding						
Yellow EPTR	28W77	L17-30P	29W77	69W77*	2740*	L17-30R
Black EPTR	28W77-B		29W77-B			
30A 125/250V, Non-NEMA, 3-P 3-W, Non-Grounding, Non UL Listed - for Replacement Use Only						
Yellow EPTR	28W08	Non-NEMA	29W08	69W08*	3330*†	Non-NEMA
30A 3øY 120/208V, Non-NEMA, 4-P 4-W, Non-Grounding, Non UL Listed - for Replacement Use Only						
Yellow EPTR	28W09	Non-NEMA	29W09	69W09*	3430*††	Non-NEMA
30A 3øY 120/208V, 4-P 5-W, Grounding						
Yellow EPTR	28W81	L21-30P	29W81	69W81*	2810*	L21-30R
Black EPTR	28W81-B		29W81-B			
30A 3øY 277/480V, 4-P 5-W, Grounding						
Yellow EPTR	28W82	L22-30P	29W82	69W82*	2820*	L22-30R
30A 3øY 347/600V, 4-P 5-W, Grounding						
Yellow EPTR	28W83	L23-30P	29W83	69W83*	2830*	L23-30R

*** Non-corrosion resistant receptacle** † 30A/250V 2-P 3-W Grounding Version Available (Cat. No. 3330-G) †† 30A/250V , 3,A/600 3-P 4-W Grounding Version Available (Cat. No. 3430-G)

CONNECTOR CAPS For Black Caps, Add Suffix -B		PLUG CAPS For Black Caps, Add Suffix -B		COVER w/ GASKET For Black Covers, Add Suffix -B		BLANK PLATE w/ GASKET		FD BOX GLASS-FILLED POLYESTER (2 KO Openings)	
	Yellow		Yellow		Yellow		Yellow		Yellow
15/20A Str.Blade & 15A Locking		15/20A Str.Blade & 15A Locking		15/20A Str.Blade & 15A Locking			WP459	1/2"	452CR
50W50		14W		60W03				3/4"	453CR
20A Locking		20A Locking		20A Locking				1"	454CR
50W52		26W		60W04					
30A Locking		30A Locking		30A Locking					
50W54		28W		60W05					



30A LOCKING PLUG | 30A LOCKING CONNECTORS | FD BOX & COVER | FD BOX | RECEPTACLE

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

15A; 20A
2-P 3-W

LEVITON

10 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White,neutral	#12 – #18 AWG	Ratings & NEMA I.D. permanently marked on device	.240" – .655"

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

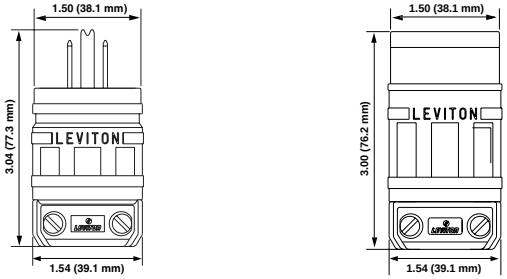
STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No. 42	NOM
✓	✓	✓	#E13393	#LR-406	#057

LEVITON Dustguard®

Dustguard Products Are Engineered to Meet or Exceed UL and IEC Dust-tight Standards

1447 1449 1433 2447 1549 1533

TYPE	PLUG	NEMA PLUG	CONNECTOR	NEMA CONNECTOR
15A 125V, 2-P 3-W Straight Blade, Grounding				
Yellow EPTR	1447	5-15P	1547	5-15R
15A 250V, 2-P 3-W Straight Blade, Grounding				
Yellow EPTR	1449	6-15P	1549	6-15R
20A 125V, 2-P 3-W Straight Blade, Grounding				
Yellow EPTR	1433	5-20P	1533	5-20R
20A 250V, 2-P 3-W Straight Blade, Grounding				
Yellow EPTR	1448	6-20P	1548	6-20R
15A 125V, 2-P 3-W Locking, Grounding				
Yellow EPTR	2447	L5-15P	2547	L5-15R



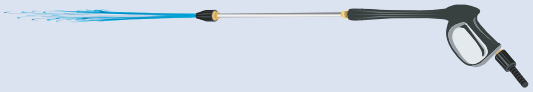
PLUG CONNECTOR

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

Testing Standards

About PSI Ratings

PSI is an abbreviation for pounds per square inch. With respect to water washdowns in processing plants and industrial marinas, a PSI value should specify the distance from the nozzle at which the value was taken. Consider the following situation:1,000 PSI measured 2 inches from the plug/connector or 2 ft. from the plug/connector will deliver dramatically different forces.



Leviton Wetguard devices are tested and exceed IEC and UL watertight standards. These independent tests have defined parameters as noted below:

IEC IP Water Penetration Test:

Water is sprayed from a distance of 3 meters and at a rate of 100 liter/minute on a joined plug and connector using a 12.5mm diameter nozzle. The water spray is directed at the connector/plug joint and cable entries.

Result: Wetguard Plugs and Connectors are rated to IP67 when connected.

UL NEMA Water Penetration Test:

Water is sprayed from a distance of 12 ft. and at a rate of 65 gallons/minute on a joined plug and connector using a 1 inch diameter nozzle. The water spray is directed at the connector/plug joint and cable entries.

Result: Wetguard Plugs and Connectors are rated to NEMA 4X, 6, and 6P when connected.

UL & IEC TEST LISTING

Wetguard devices are tested per environmental condition as specified in UL Standard 50 and IEC 529 IP ratings, while connected or protected by closure covers (connector only).

UL Standard 50

Wetguard devices are tested per NEMA 4, 4X, 6 and 6P (and comply with Designation Type 3 and 3S).

#4 Indoor or outdoor use primarily to provide a degree of protection against windblown dust and rain, splashing water, and hose directed water (1" Nozzle, 65 gallons per minute at a distance of 10-12 ft., for 5 minutes).

#4x Same as #4, in addition to provide a degree of protection against corrosion: 200 hour salt fog spray

#6 Indoor or outdoor use primarily to provide a degree of protection against hose directed water, the entry of water during occasional temporary submersion at limited depth (submersion duration to be 30 minutes at a depth of 6 ft.).

#6P Same as #6 except: submersion duration to be 24 hours.

The Wetguard i-Bulletin provides detailed product testing information along with "real-life" video footage of products being subjected to a variety of UL, NEMA and IEC tests.

To view, go to www.leviton.com/industrial click on Technical Resources, and then click on the Wetguard i-Bulletin.

North American Watertight IEC 309-I & 309-2 Devices Also Available

The complete IEC 309-1 and 309-2 system of plugs, connectors, inlets and mechanical interlock devices can be used for both retrofit and new installations enhancing safety and performance in critical power connections.

PowerSwitch® Mechanical Interlock devices incorporate a disconnect safety switch and IEC receptacle in a non-metallic watertight enclosure. The interlock mechanism prevents making and breaking of power under load. "The switch cannot be actuated to the **ON** position until an IEC compatible plug is fully inserted, and the plug cannot be removed until the switch is in the **OFF** position."

For additional information, go to www.leviton.com, click on Industrial and select Technical Resources, look for link to IPD 2.07.

NEMA and IEC Enclosure Classifications

Comparing NEMA Enclosure Classifications

NEMA

Enclosures serve the dual purpose of protecting personnel from incidental contact with the enclosed electrical equipment and protecting the enclosed equipment against specified environmental conditions. Enclosures are rated for use in specific environmental conditions by NEMA, UL, CSA and the IEC. The major rating systems used are the NEMA Type Numbers and the IEC Enclosure Classification Designation.

NEMA Standards Publication 250 defines the NEMA Enclosure Type Numbers. Unlike the IEC Enclosure Classification Designations, NEMA Standards Publication 250 does tests for environmental conditions such as corrosion, rust, icing, oil and coolants. For this reason and because the tests and evaluations for other characteristics are not identical, the IEC Enclosure Classification Designations cannot be exactly equated with NEMA Enclosure Type Numbers.

The table below provides an equivalent conversion from NEMA Enclosure Type Numbers to IEC Enclosure Classification Designations. Note that the NEMA Types meet or exceed the test requirements for the associated IEC Classifications. Therefore, this table cannot be used to convert from IEC Classifications to NEMA Types.

Converting NEMA Type Numbers to IEC Classification Designations

(**Note:** This table cannot be used to convert IEC classification designations to NEMA type numbers)

NEMA Type Enclosure	Equivalent IEC Enclosure
1	IP10
2	IP11
3	IP54
3R	IP14
3S	IP54
4 and 4X	IP56
5	IP52
6 and 6P	IP67
12 and 12K	IP52
13	IP54

UL 50 NEMA Enclosure Types (Partial List)

Type	Description
Type 4	Indoor or outdoor use primarily to provide a degree of protection against windblown dust and rain, splashing water, hose-directed water, and damage from external ice formation.
Type 4X	Indoor or outdoor use primarily to provide a degree of protection against corrosion, windblown dust and rain, splashing water, hose-directed water and damage from external ice formation.
Type 6	Indoor or outdoor use primarily to provide a degree of protection against hose-directed water, the entry of water during occasional temporary submersion at a limited depth, and damage from external ice formation.
Type 6P	Indoor or outdoor use primarily to provide a degree of protection against hose-directed water, the entry of water during prolonged submersion at a limited depth, and damage from external ice formation.

The IEC Enclosure Classification Designation — IP Suitability Ratings

The IP Suitability Ratings are a system for classifying the degree of protection provided by enclosures of electrical equipment. The higher the number in the rating, the greater the degree of protection provided by the enclosure. Note that the rating will ONLY apply to properly installed equipment. The chart below defines the numerals in the IP Code.

1. The First Number indicates the degree of protection for persons against access to hazardous parts inside the enclosure and/or against the ingress of solid foreign objects
2. The Second Number indicates the degree of protection of equipment inside enclosures against damage from the ingress of water.

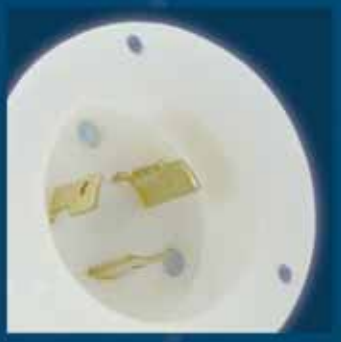
ELEMENTS OF THE IP CODE

Meaning for the Protection of Equipment		
Code Letters	**First Number**	**Second Number**
Ingress ProtectionAgainst	**Ingress of Solid Foreign Objects**	**Against Ingress of Water with Harmful Effects**
IP	**0** – Non-protected **1** – ≥ 50 mm diameter **2** – ≥ 12.5 mm diameter **3** – ≥ 2.5 mm diameter **4** – ≥1.0 mm **5** – Dust-protected **6** – Dust-tight – –	**0** – Non-protected **1** – Vertically dripping **2** – Dripping (15° tilted) **3** – Spraying **4** – Splashing **5** – Jetting **6** – Power jetting **7** – Temporary immersion **8** – Continuous immersion

The IP Suitability Rating defined by IEC 529 does not specify any degree of protection against mechanical damage of equipment, risk of explosions, or conditions such as moisture (i.e. condensation), corrosive vapors, fungus, or vermin.

Note: > denotes greater than or equal to.
Example: IP 54 Suitability Rating = Ingress Protection/Dust-protected/Splashing

E SECTION



Locking Devices

Industrial Grade

LOCKING PLUGS

2311

Black & White™
- 15, 20, & 30 Amp
- 125V thru 600V
- 2-P 3-W thru 4-P 5-W
- 40 NEMA Configurations
- 19 Non-NEMA Configurations
- UL/Fed.Spec./CSA/NOM
- Solid Brass Blades
- Nylon Construction

PAGES E5–E36

LOCKING CONNECTORS

2338

Black & White™
- 15, 20, & 30 Amp
- 125V thru 600V
- 2-P 3-W thru 4-P 5-W
- 40 NEMA Configurations
- 19 Non-NEMA Configurations
- UL/Fed.Spec./CSA/NOM
- One-Piece Contacts
- Nylon Construction

PAGES E5–E36

LOCKING RECEPTACLES

2310

V-0-MAX™
- 15, 20, & 30 Amp
- 125V thru 600V
- 2-P 3-W thru 4-P 5-W
- 40 NEMA Configurations
- 19 Non-NEMA Configurations
- UL/Fed.Spec./CSA/NOM
- UL V-0 Flammability Rating
- Color-Coding Indicates Voltage Ratings

PAGES E5–E36

FLANGED INLETS/OUTLETS

2315

2316

- 15, 20, & 30 Amp
- 125V thru 600V
- 2-P 3-W thru 4-P 5-W
- 40 NEMA Configurations
- 14 Non-NEMA Configurations
- UL/Fed.Spec./CSA/NOM
- Positive Crimp Lock Wire Clamps
- Nylon Construction

PAGES E5–E7, E9–E35, E38

CS DEVICES

CS63-60C

California Style
- 50 Amp
- 125V thru 480V
- 2-P 3-W thru 3-P 4-W
- 9 Non-NEMA Configurations
- UL/Fed.Spec./NOM
- Nylon Construction
- Plugs, Connectors, Receptacles & Inlets

PAGES E32–E35

POWER INTERRUPTING DEVICES

23034-A

- 20 & 30 Amp
- 125V thru 600V
- 2-P 3-W thru 4-P 5-W
- 3 Non-NEMA Configurations
- UL Listed
- Thermoplastic Construction
- Plugs, Connectors, & Receptacles

PAGE E37

MINI-LOCK MIDGET DEVICES

ML1-P

miniLOCK™
- 15 Amp
- 125V thru 250V
- 2-P 3-W thru 3-P 3-W
- 3 NEMA Configurations
- UL/Fed.Spec./CSA/NOM
- Nylon Construction
- Plugs, Connectors, Receptacles & Inlets

PAGE E38

CORROSION RESISTANT

47CM-20

- 15, 20, 30, & 50 Amp
- 125V thru 600V
- 2-P 3-W thru 4-P 5-W
- 36 NEMA Configurations
- 2 Non-NEMA Configurations
- UL/Fed.Spec./NOM
- Electroless Nickel-Plated
- High-Visibility Yellow Nylon

SECTION I

LOCKING ANGLE PLUGS

4720-CA

Black & White™
- 15 Amp
- 125V thru 277V
- 2-P 3-W
- 3 NEMA Configurations
- UL/Fed.Spec./NOM
- Solid Brass Blades
- Nylon Construction

PAGES E5–E7

COMBINATION RECEPTACLES

4792

- 15 Amp
- 125V
- 2-P 3-W
- 2 NEMA Configurations
- Back & Side Wired
- Self-Grounding
- UL/Fed.Spec./CSA/NOM
- Thermoplastic Construction
- Locking over Locking & Locking over Straight Blade Types

PAGES E5 & E39

INTEGRATED INLETS/OUTLETS

4716-FWP

- 15 Amp
- 125V & 250V
- 2-P 3-W
- 2 NEMA Configurations
- UL/Fed.Spec./CSA/NOM
- Thermoplastic Construction
- Standard Wire Wells Available
- Slots for Fork Terminals Available
- Rated IP64

PAGE E40

WATERTIGHT DEVICES

26W83

Wetguard®
- 15, 20, & 30 Amp
- 125V thru 600V
- 2-P 3-W thru 4-P 5-W
- 22 NEMA Configurations
- 4 Non-NEMA Configurations
- UL/Fed. Spec./CSA/NOM
- EPTR Construction
- Available in High-Visibilty Yellow and select black configurations
- 4 Ratings Available in Black

SECTION D

NEMA Locking Devices
Section Contents

LIFETIME WARRANTY

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

2730

2731

2733

2735

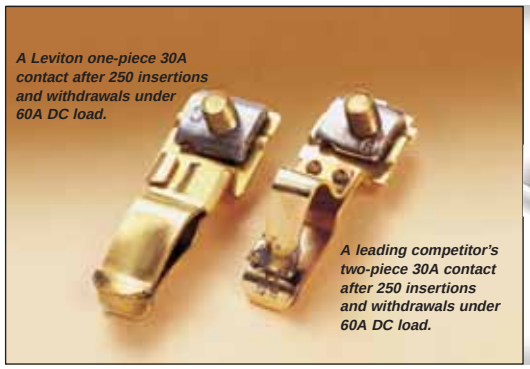
2736

15/20/30 Amp NEMA Locking Devices

POLES/WIRES	AMPS	VOLTS	NEMA	AC HP RATING	RECEPTACLE	PLUG	CONNECTOR	FLANGED INLET	FLANGED OUTLET	PAGE NO.
Locking 2-Pole 3-Wire Grounding	15	125V 250V 277V AC	L5-15 L6-15 L7-15	.5 1.5* 2	4710 4560 4760	4720-C 4570-C 4770-C	4729-C 4579-C 4779-C	4716-C 4586-C 4786-C	4715-C 4585-C 4785-C	E5 E6 E7
	20	125V 250V 277V AC 347V AC 480V AC 600V AC	L5-20 L6-20 L7-20 L24-20 L8-20 L9-20	1 2* 2 N/A 3 N/A	2310 2320 2330 3720 2340 2350	2311 2321 2331 3721 2341 2351	2313 2323 2333 3723 2343 2353	2315 2325 2335 3755 2345 2355	2316 2326 2336 3756 2346 2356	E9 E9 E10 E10 E11 E11
	30	125V 250V 277V AC 480V AC 600V AC	L5-30 L6-30 L7-30 L8-30 L9-30	2 2* 3 5 N/A	2610 2620 2630 2640 2650-A	2611 2621 2631 2641 C2651	2613 C2623 2633 2643 C2653	2615 2625F 2635 2645 2655	2616 2626F 2636 2646 2656	E18 E18 E19 E19 E20
Locking 3-Pole 3-Wire Grounding	15	3ø 250V	L11-15	2	4870	4880-C	4889	—	—	E8
	20	125/250V 3ø 250V 3ø 480V	L10-20 L11-20 L12-20	2L-L*/1 L-N 2L-L*/2 L-N 5	2360 2370 2380	2361 2371 2381	2363 2373 2383	2365 2375 2385	2366 2376 2386	E12 E12 E13
	30	125/250V 3ø 250V 3ø 480V 3ø 600V	L10-30 L11-30 L12-30 L13-30	2L-N 3 10 N/A	2660-A 2670 2680 2690	2661 2671 2681 2691	2663 2673 2683 2693	2665 2675 2685 2695	2666 2676 2686 2696	E20 E21 E21 E21
Locking 3-Pole 4-Wire Grounding	20	125/250V 3ø 250V 3ø 480V	L14-20 L15-20 L16-20	2L-L*/1 L-N 3 5	2410 2420 2430	2411 2421 2431	2413 2423 2433	2415 2425 2435	2416 2426 2436	E13 E14 E14
	30	125/250V 3ø 250V 3ø 480V 3ø 600V	L14-30 L15-30 L16-30 L17-30	2L-L*/2 L-N 3 10 N/A	2710 2720 2730 2740	2711 2721 2731 2741	2713 2723 2733 2743	2715 2725 2735 2745	2716 2726 2736 2746	E22 E22 E23 E23
Locking 4-Pole 4-Wire Grounding	20	3øY 120/208V 3øY 277/480V 3øY 347/600V	L18-20 L19-20 L20-20	2 5 N/A	2440 2450 2460	2441 2451 2461	2443 2453 2463	2445 2455 2465	2446 2456 2466	E15 E15 E16
	30	3øY 120/208V 3øY 277/480V 3øY 347/600V	L18-30 L19-30 L20-30	3 10 N/A	2750 2760 2770	2751 2761 2771	2753 2763 2773	2755 2765 2775	2756 2766 2776	E24 E24 E25
Locking 4-Pole 5-Wire Grounding	20	3øY 120/208V 3øY 277/480V 3øY 347/600V	L21-20 L22-20 L23-20	2 5 N/A	2510 2520 2530	2511 2521 2531	2513 2523 2533	2515 2525 2545	2516 2526 2546	E16 E17 E17
	30	3øY 120/208V 3øY 277/480V 3øY 347/600V	L21-30 L22-30 L23-30	3 10 N/A	2810 2820 2830	2811 2821 2831	2813 2823 2833	2815 2825 2835	2816 2826 2836	E25 E26 E26

* Suitable for 208V motor applications at HP rating L-L Denotes phase-to-phase HP rating L-N Denotes phase-to-neutral HP rating

Non-NEMA devices appear on pages E27-E35, E37; NEMA Midget Devices on page E38; Combination NEMA Receptacles on E39 and Power Inlets and Outlets on page E40.



Imagine something better...

Industrial grade black and white locking plugs and connectors look pretty similar. But after punishing UL overcurrent tests, Leviton proves that contact size and design really matter. The photo to the left shows Leviton's and a leading competitor's contacts after an overcurrent test.

The difference is obvious. Leviton contacts are formed from a single piece of .035" thick solid brass. Our competitor uses two riveted brass strips. This powerful reason is why Leviton devices connect better, cooler and last longer.

Imagine something better...at Leviton, we do every day.

Locking Device Features

LEVITON

LIFETIME WARRANTY

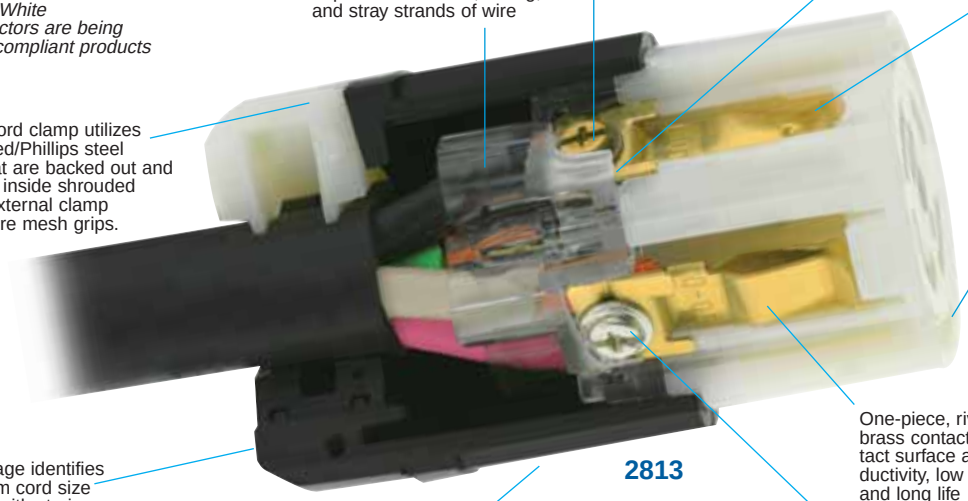
UL 498 Listed
Federal Specification WC-596 Listed
CSA Specification C22.2 No.42 Certified

Power Indication Devices
20 and 30 Amp locking devices feature a green LED bulb rated at 100,000 hours, 24 x 7 for 11.5 years. 15 Amp locking devices feature a green neon bulb rated at 30,000 hours, 24 x 7 for 3.5 years.

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

RoHS

Black & White Plugs and Connectors are being phased in as RoHS compliant products



Rockwell Automation Encompass Product Partner Americas

2311 Plug with Wire Mesh Grip
See Connection Wire Mesh Grip Chart on page O11.

Shrouded pockets in cord clamp prevents slippage of screwdriver blade when tightening cord clamp screws.

Wire clamps move within individual chambers to provide positive crimp lock without cutting wire strands.

Captive terminal screws eliminate nuisance dropping and searching for missing screws.

Deep-funnelled, large wire wells guide conductors into termination position.

COMPONENT	DESCRIPTION
Body	Super Tough Nylon
Back Cover	Thermoplastic
Wiring Module	Nylon
Cord-Clamp	Nylon
Clamp Insert	Nylon
Blades/Contacts	Solid Brass
Terminal Screws	Brass
Assembly Screws	Steel, Zinc-Plated

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	✓	#E13393	#LR-406	#057

Strain relief insert is easily removed without removing cord clamp to accommodate larger cords.

CORD CLAMP RANGES	
15A, 3W	.240" - .700" 18-10 AWG
20A, 3W	.385" - .780" 16-10 AWG
20A, 4W	.595" - .895" 14-10 AWG
20A, 5W	.595" - .895" 14-10 AWG
30A, 3W	.385" - .860 16-8 AWG
30A, 4W	.595" - 1.150" 14-8 AWG
30A, 5W	.595" - 1.150" 14-8 AWG

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

LIFETIME WARRANTY

Deep slotted/Phillips steel screws secure wiring module (12-14 in.-lbs.) to body

Molded in strip gage provides correct measurement for proper strip length of conductor

Super Tough Nylon resists damage from severe impact, abrasion, and chemical attack

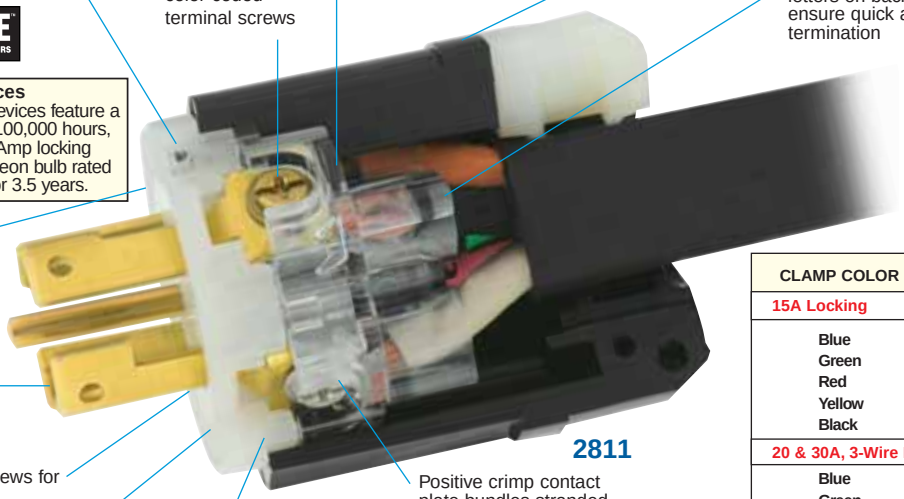
Backed-out, color-coded terminal screws

Terminal identification letters on back cover ensure quick and accurate termination

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

Power Indication Devices
20 and 30 Amp locking devices feature a green LED bulb rated at 100,000 hours, 24 x 7 for 11.5 years. 15 Amp locking devices feature a green neon bulb rated at 30,000 hours, 24 x 7 for 3.5 years.

NEMA configuration, agency certifications, and device rating are molded on front of device to assist with identification



2811

Solid brass blades are fitted and held tightly and securely in place

Speed drive screws for faster assembly

Positive crimp contact plate bundles stranded wire maximizing wire/clamp surface contact

Dead front construction prevents accidental contact with internal parts

Wiring module keyed to body for easy assembly

Rockwell Automation Encompass Product Partner Americas

CLAMP COLOR	CATALOG NUMBER
15A Locking	
Blue	Clamp-1BU
Green	Clamp-1GN
Red	Clamp-1R
Yellow	Clamp-1Y
Black	Clamp-1E
20 & 30A, 3-Wire Locking	
Blue	Clamp-2BU
Green	Clamp-2GN
Red	Clamp-2R
Yellow	Clamp-2Y
Black	Clamp-2E
20 & 30A, 4-Wire & 5-Wire Locking	
Blue	Clamp-3BU
Green	Clamp-3GN
Red	Clamp-3R
Yellow	Clamp-3Y
Black	Clamp-3E

FLAMMABILITY CLASSIFICATIONS
The UL 94 20mm Vertical Burning Test compares plastic materials in terms of three burning characteristics: Relative Speed of Burning, Ability to Extinguish Fire and Inability to Propagate Fire. The V-0-MAX Receptacle materials have earned the best rating possible: V-0

V-0-MAX® INDUSTRIAL GRADE FLUSH RECEPTACLES

Extra thick .050" nickel-plated brass mounting strap

Stamped-in agency certifications

Amperage & voltage rating

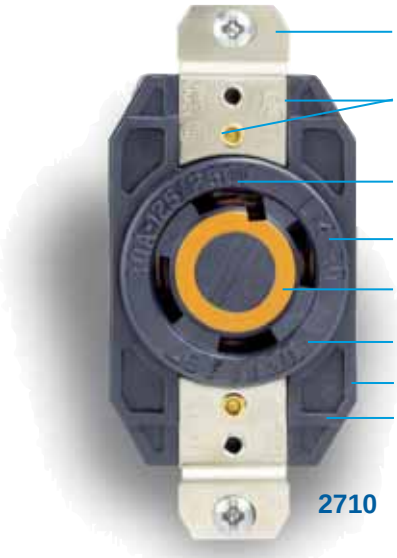
NEMA line number

Color-coded voltage rating

Manufacturer

Uni-body face

Stability ribs



2710

Triple combo mounting screws

Molded-in terminal identification letters

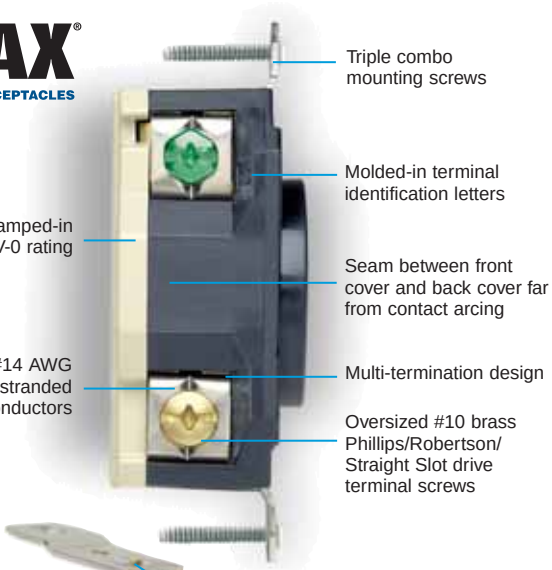
Stamped-in UL V-0 rating

Seam between front cover and back cover far from contact arcing

Accepts #8–#14 AWG solid or stranded conductors

Multi-termination design

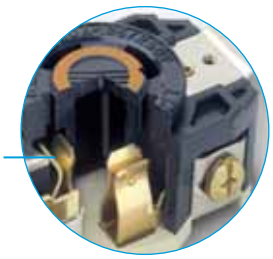
Oversized #10 brass Phillips/Robertson/ Straight Slot drive terminal screws



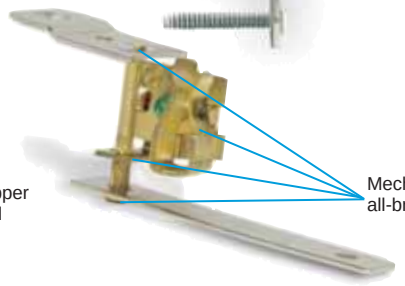
Color-Coded Voltage Ratings

125V	250V	277V AC
125/250V	3ø250V	3ø480V

Contacts deeply seated in thick walled face



One-piece .040" thick brass, high-copper content contacts with nickel-plated clamp type terminals



Mechanically-secured all-brass ground path

15A 125V

Industrial Grade

LEVITON

NEMA L5-15P NEMA L5-15R

LIFETIME WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White, neutral	#18–#10 AWG	Ratings & NEMA I.D. permanently marked on device	.245"–.700"
ENVIRONMENTAL			
FLAMMABILITY		OPERATING TEMP.	
Rated V-2 per UL 94		-40°C to 60°C	

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✓	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Inlets	#LR-406	#057

4700 (DUPLEX)

4720-C

4729-C

4720-CA

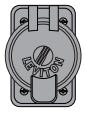
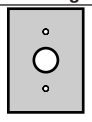
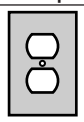
4716-C

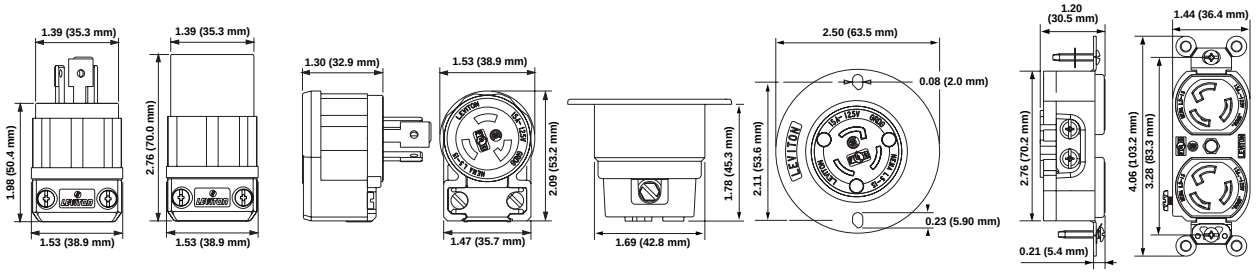
BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

TYPE	PLUG	CONNECTOR	ANGLE PLUG	FLANGED INLET	FLANGED OUTLET
15A 125V, NEMA L5-15P AND L5-15R, 2-P 3-W, Grounding					
All Black — Bulk Packaged	4720-B	4729-B	–	–	–
Black & White	4720-C	4729-C	4720-CA	–	–
All Black	4720-CB	4729-CB	–	–	–
Yellow & White	4720-CY	4729-CY	–	–	–
All White	–	–	–	4716-C	4715-C
Power Indication Black & White	4720-PLC	4729-PLC	–	–	–

TYPE	COMBO DUPLEX† RECEPTACLE SELF-GROUNDING BACK & SIDE WIRED	DUPLEX RECEPTACLE ISOLATED GROUND BACK & SIDE WIRED	SINGLE RECEPTACLE	SINGLE RECEPTACLE with SHORT STRAP	SINGLE RECEPTACLE ISOLATED GROUND
15A 125V, NEMA L5-15R, 2-P 3-W, Grounding					
Black	4700	–	4710	4710-SS	–
Orange	–	4700-IG	–	–	4710-IG

† See additional combo receptacles on page E39.

LEXAN FLIP LID COVER	302 STAINLESS STEEL	302 STAINLESS STEEL
For Inlets and Outlets	Single Receptacles	Duplex Receptacles
 IP64 Rated Includes Gasket **WP1**	 1.40" Dia. Hole **84004-40**	 **84003-40**
FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q		



PLUG CONNECTOR ANGLE PLUG INLETS & OUTLETS RECEPTACLE

15A 250V
Industrial Grade

LIFETIME WARRANTY

NEMA L6-15P NEMA L6-15R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White, neutral	#18 – #10 AWG	Ratings & NEMA I.D. permanently marked on device	.245" – .700"

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✓	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR-406	#057

4550 (DUPLEX)

4570-CY

4579-CY

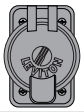
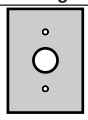
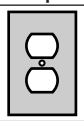
4570-CA

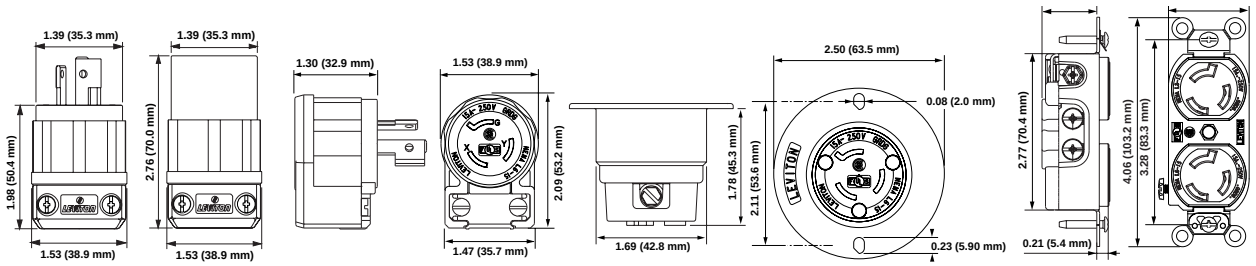
4586-C

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

TYPE	PLUG	CONNECTOR	ANGLE PLUG	FLANGED INLET	FLANGED OUTLET
15A 250V, NEMA L6-15P AND L6-15R, 2-P 3-W, Grounding					
All Black — Bulk Packaged	4570-B	4579-B	–	–	–
Black & White	4570-C	4579-C	4570-CA	–	–
Yellow & White	4570-CY	4579-CY	–	–	–
All White	–	–	–	4586-C	4585-C
Power Indication Black & White	4570-PLC	4579-PLC	–	–	–

TYPE	DUPLEX RECEPTACLE SELF-GROUNDING	DUPLEX RECEPTACLE ISOLATED GROUND	SINGLE RECEPTACLE	SINGLE RECEPTACLE with SHORT STRAP	SINGLE RECEPTACLE ISOLATED GROUND
15A 250V, NEMA L6-15R, 2-P 3-W, Grounding					
Black	4550	–	4560	4560-SS	–
Orange	–	4550-IG	–	–	4560-IG

THERMOPLASTIC ELASTOMER BOOTS		GRAY LEXAN FLIP LID COVER	302 STAINLESS STEEL	302 STAINLESS STEEL
For Plugs	For Connectors	For Inlets and Outlets	Single Receptacles	Duplex Receptacles
6017-L (Black) 6017-LY (Yellow)	6018-L (Black) 6018-LY (Yellow)	 IP64 Rated Includes Gasket WP1	 1.40" Dia. Hole 84004-40	 84003-40
FOR DIMENSIONS SEE PAGE E42		FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q		



PLUG CONNECTOR ANGLE PLUG INLETS & OUTLETS RECEPTACLE

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

15A 277V AC

Industrial Grade

NEMA L7-15P NEMA L7-15R

LIFETIME WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White, neutral	#18 – #10 AWG	Ratings & NEMA I.D. permanently marked on device	.245" – .700"

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✓	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR-406	#057

4750 (DUPLEX)

4770-CY

4779-CY

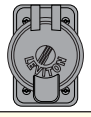
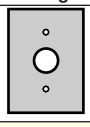
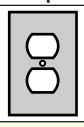
4770-CA

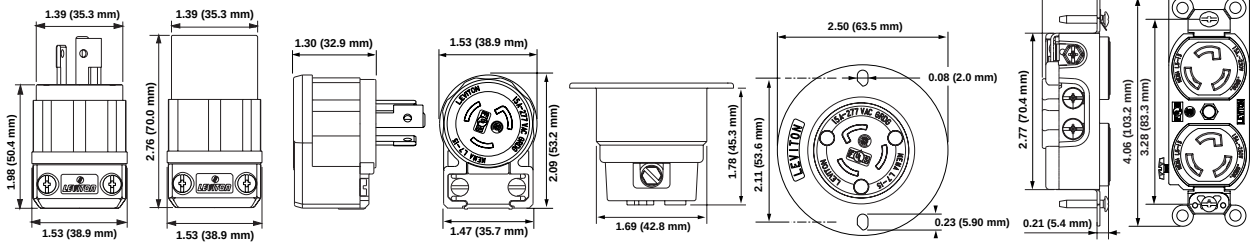
4786-C

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

TYPE	PLUG	CONNECTOR	ANGLE PLUG	FLANGED INLET	FLANGED OUTLET
15A 277V, NEMA L7-15P AND L7-15R, 2-P 3-W, Grounding					
All Black — Bulk Packaged	4770-B	4779-B	–	–	–
Black & White	4770-C	4779-C	4770-CA	–	–
Yellow & White	4770-CY	4779-CY	–	–	–
All White	–	–	–	4786-C	4785-C
Power Indication Black & White	4770-PLC	4779-PLC	–	–	–

TYPE	DUPLEX RECEPTACLE SELF-GROUNDING BACK & SIDE WIRED	DUPLEX RECEPTACLE ISOLATED GROUND BACK & SIDE WIRED	SINGLE RECEPTACLE	SINGLE RECEPTACLE with SHORT STRAP	SINGLE RECEPTACLE ISOLATED GROUND
15A 277V, NEMA L7-15R, 2-P 3-W, Grounding					
Black	4750	–	4760	4760-SS	–
Orange	–	4750-IG	–	–	4760-IG

THERMOPLASTIC ELASTOMER BOOTS		GRAY LEXAN FLIP LID COVER	302 STAINLESS STEEL	302 STAINLESS STEEL
For Plugs	For Connectors	For Inlets and Outlets	Single Receptacles	Duplex Receptacles
6017-L (Black) 6017-LY (Yellow)	6018-L (Black) 6018-LY (Yellow)	 IP64 Rated Includes Gasket WP1	 1.40" Dia. Hole 84004-40	 84003-40
FOR DIMENSIONS SEE PAGE E42		FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q		



PLUG CONNECTOR ANGLE PLUG INLETS & OUTLETS RECEPTACLE

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15A 250V 3Ø

Industrial Grade

LIFETIME WARRANTY

NEMA L11-15P NEMA L11-15R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White, neutral	#18 – #10 AWG	Ratings & NEMA I.D. permanently marked on device	.245" – .700"

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✓	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR-406	#057

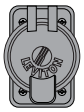
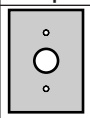
BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

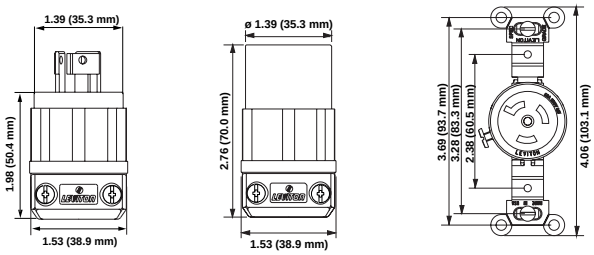
4880-C

4889-C

4870

TYPE	PLUG	CONNECTOR	SINGLE RECEPTACLE	SINGLE RECEPTACLE with SHORT STRAP
15A 250V 3Ø, NEMA L11-15P AND L11-15R, 3-P 3-W, Non-Grounding				
Black & White	4880-C	4889-C	–	–
All Black	–	–	4870	4870-SS

THERMOPLASTIC ELASTOMER BOOTS		GRAY LEXAN FLIP LID COVER	302 STAINLESS STEEL	302 STAINLESS STEEL
For Plugs	For Connectors	For Inlets and Outlets	Single Receptacles	Duplex Receptacles
6017-L (Black) 6017-LY (Yellow)	6018-L (Black) 6018-LY (Yellow)	 IP64 Rated Includes Gasket WP1	1.40" Dia. Hole 84004-40	 1.40" Dia. Hole 80704-GY
FOR DIMENSIONS SEE PAGE E42		FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q		



PLUG CONNECTOR RECEPTACLE

20A 125V; 20A 250V

Industrial Grade

LEVITON

LIFETIME WARRANTY

NEMA L5-20P | NEMA L5-20R | NEMA L6-20P | NEMA L6-20R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot	#18 – #10 AWG	Ratings & NEMA I.D. permanently marked on device	.385" – .780"
Grounding	Receptacles #14 – #8 AWG		
White, neutral			
ENVIRONMENTAL			
FLAMMABILITY		OPERATING TEMP.	
Rated V-2 per UL 94	Receptacles Rated V-0 per UL 94	-40°C to 60°C	

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✓	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR-406	#057

V-O-MAX® INDUSTRIAL GRADE FLUSH RECEPTACLES

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

2311

2313-B

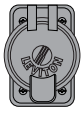
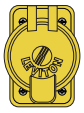
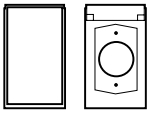
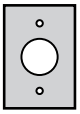
2310

2310-IG

2315

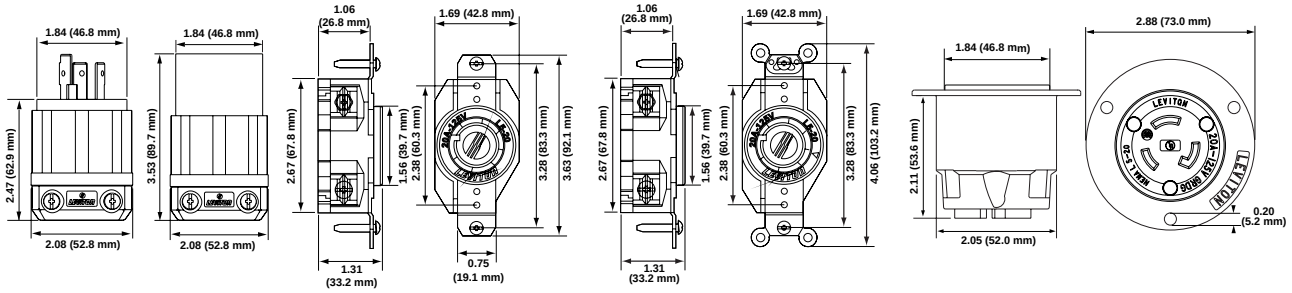
2316

TYPE	PLUG	CONNECTOR	SINGLE FLUSH RECEPTACLE	SINGLE FLUSH IG RECEPTACLE	FLANGED INLET	FLANGED OUTLET
20A 125V, NEMA L5-20P AND L5-20R, 2-P 3-W, Grounding						
All Black — Bulk Packaged	2311-B	2313-B	–	–	–	–
Black & White	2311	2313	–	–	–	–
Yellow & White	2311-CY	2313-CY	–	–	–	–
All Black	2311-B	2313-B	2310	–	–	–
All White	–	–	–	–	2315	2316
Orange	–	–	–	2310-IG	–	–
Power Indication Black & White	2311-PLC	2313-PLC	–	–	–	–
Power Indication All Black	2311-PLB	2313-PLB	–	–	–	–
20A 250V, NEMA L6-20P AND L6-20R, 2-P 3-W, Grounding						
All Black — Bulk Packaged	2321-B	2323-B	–	–	–	–
Black & White	2321	2323	–	–	–	–
Yellow & White	2321-CY	2323-CY	–	–	–	–
All Black	–	–	2320	–	–	–
All White	–	–	–	–	2325	2326
Orange	–	–	–	2320-IG	–	–
Power Indication Black & White	2321-PLC	2323-PLC	–	–	–	–
Power Indication All Black	2321-PLB	2323-PLB	–	–	–	–

GRAY LEXAN FLIP LID COVER	YELLOW LEXAN FLIP LID COVER	WEATHER-RESISTANT THERMOPLASTIC COVER	302 STAINLESS STEEL
For Inlets and Outlets	For Receptacles	For Receptacles	Single Receptacles
 IP64 Rated Includes Gasket and Screws **WP2**	 IP64 Rated Includes Gasket and Screws **7420-CR**	 Self-Closing Lid Includes Gasket and Screws **4980-GY**	 1.60" Dia. Hole **84020-40**

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q

FOR THERMOPLASTIC ELASTOMER BOOTS SEE PAGE E10



PLUG | CONNECTOR | RECEPTACLE | IG RECEPTACLE | INLETS & OUTLETS

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20A 277V AC; 20A 347V AC

Industrial Grade

LIFETIME WARRANTY

NEMA L7-20P | NEMA L7-20R | NEMA L24-20P | NEMA L24-20R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White, neutral	#18 – #10 AWG Receptacles #14 – #8 AWG	Ratings & NEMA I.D. permanently marked on device	.385" – .780"

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94 Receptacles Rated V-0 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✓	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR-406	#057

V-O-MAX® INDUSTRIAL GRADE FLUSH RECEPTACLES

BLACK & WHITE® INDUSTRIAL GRADE PLUGS & CONNECTORS

2331

2333

2330

2330-IG

2335

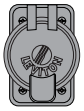
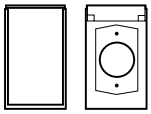
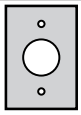
2336

TYPE	PLUG	CONNECTOR	SINGLE FLUSH RECEPTACLE	SINGLE FLUSH IG RECEPTACLE	FLANGED INLET	FLANGED OUTLET
20A 125V AC, NEMA L7-20P AND L7-20R, 2-P 3-W, Grounding						
Black & White	2331	2333	–	–	–	–
All Black	–	–	2330	–	–	–
All White	–	–	–	–	2335	2336
Orange	–	–	–	2330-IG	–	–
Power Indication Black & White	2331-PLC	2333-PLC	–	–	–	–
20A 347V AC, NEMA L24-20P AND L24-20R, 2-P 3-W, Grounding						
Black & White	3721	3723	–	–	–	–
All Black	–	–	3720	–	–	–
All White	–	–	–	–	3755	3756

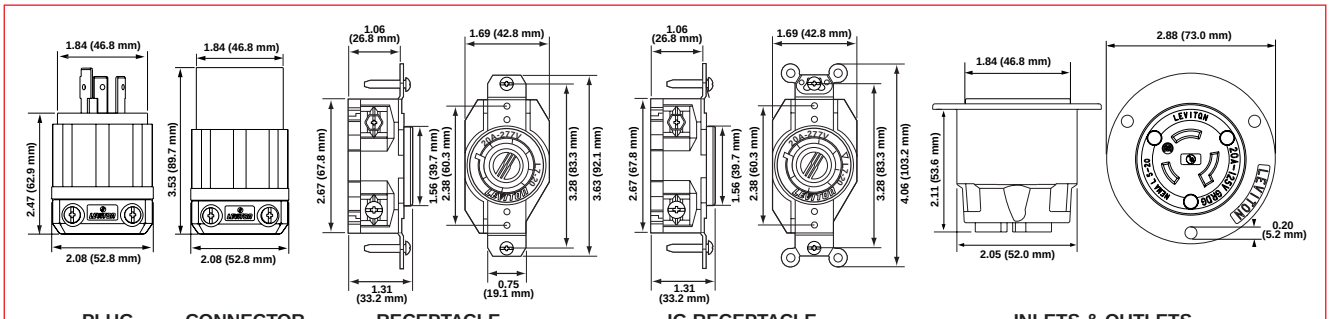
THERMOPLASTIC ELASTOMER BOOTS

PLUG BOOT	CONNECTOR BOOT
6031 (Black) **6031-Y** (Yellow)	**6032** (Black) **6032-Y** (Yellow)

FOR DIMENSIONS SEE PAGE E42

GRAY LEXAN FLIP LID COVER	YELLOW LEXAN FLIP LID COVER	WEATHER-RESISTANT THERMOPLASTIC COVER	302 STAINLESS STEEL
For Inlets and Outlets	For Receptacles	For Receptacles	Single Receptacles
 IP6 4 Rated Includes Gasket and Screws **WP2**	IP64 Rated Includes Gasket and Screws **7420-CR**	 Self-Closing Lid Includes Gasket and Screws **4980-GY**	 1.60" Dia. Hole **84020-40**

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



PLUG | CONNECTOR | RECEPTACLE | IG RECEPTACLE | INLETS & OUTLETS

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20A 480V AC; 20A 600V AC

Industrial Grade

LEVITON

NEMA L8-20P | NEMA L8-20R | NEMA L9-20P | NEMA L9-20R

LIFETIME WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot	#18 – #10 AWG	Ratings & NEMA I.D. permanently marked on device	.385" – .780"
Grounding	Receptacles #14 - #8 AWG		
White, neutral			

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94 / Receptacles Rated V-0 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✓	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR-406	#057

V-O-MAX® INDUSTRIAL GRADE FLUSH RECEPTACLES

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

2341

2343

2340

2340-IG

2345

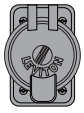
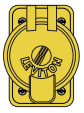
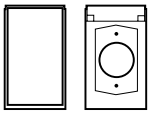
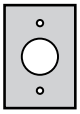
2346

TYPE	PLUG	CONNECTOR	SINGLE FLUSH RECEPTACLE	SINGLE FLUSH IG RECEPTACLE	FLANGED INLET	FLANGED OUTLET
20A 480V AC, NEMA L8-20P AND L8-20R, 2-P 3-W, Grounding						
Black & White	2341	2343	–	–	–	–
Yellow & White	–	–	–	–	–	–
All Black	–	–	2340	–	–	–
All White	–	–	–	–	2345	2346
Orange	–	–	–	2340-IG	–	–
20A 600V AC, NEMA L9-20P AND L9-20R, 2-P 3-W, Grounding						
Black & White	2351	2353	–	–	–	–
Yellow & White	–	–	–	–	–	–
All Black	–	–	2350	–	–	–
All White	–	–	–	–	2355	2356
Orange	–	–	–	2350-IG	–	–

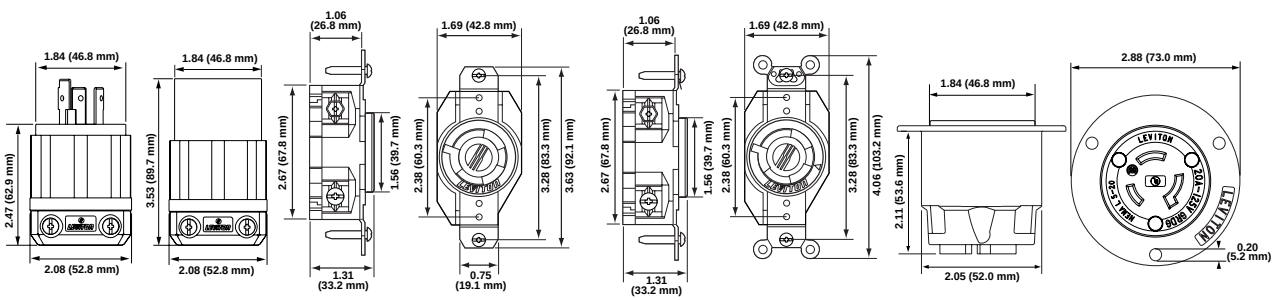
THERMOPLASTIC ELASTOMER BOOTS

PLUG BOOT	CONNECTOR BOOT
6031 (Black) **6031-Y** (Yellow)	**6032** (Black) **6032-Y** (Yellow)

FOR DIMENSIONS SEE PAGE E42

GRAY LEXAN FLIP LID COVER	YELLOW LEXAN FLIP LID COVER	WEATHER-RESISTANT THERMOPLASTIC COVER	302 STAINLESS STEEL
For Inlets and Outlets	For Receptacles	For Receptacles	Single Receptacles
 IP64 Rated Includes Gasket and Screws **WP2**	 IP64 Rated Includes Gasket and Screws **7420-CR**	 Self-Closing Lid Includes Gasket and Screws **4980-GY**	 1.60" Dia. Hole **84020-40**

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



PLUG | CONNECTOR | RECEPTACLE | IG RECEPTACLE | INLETS & OUTLETS

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

20A 125/250V; 20A 250V 3Ø

Industrial Grade

LIFETIME WARRANTY

NEMA L10-20P | NEMA L10-20R | NEMA L11-20P | NEMA L11-20R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot	#18 – #10 AWG	Ratings & NEMA I.D. permanently marked on device	.385" – .780"
Grounding	Receptacles #14 – #8 AWG		
White, neutral			

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	Receptacles Rated V-0 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✔	✔	✔	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR-406	#057

V-O-MAX® INDUSTRIAL GRADE FLUSH RECEPTACLES

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

2361

2363

2360

2365

2366

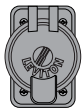
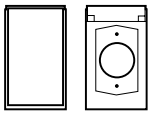
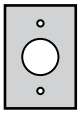
TYPE	PLUG	CONNECTOR	SINGLE FLUSH RECEPTACLE	FLANGED INLET	FLANGED OUTLET
20A 125/250V, NEMA L10-20P AND L10-20R, 3-P 3-W, Non-Grounding					
Black & White	2361	2363	–	–	–
Yellow & White	–	–	–	–	–
All Black	–	–	2360†	–	–
All White	–	–	–	2365	2366
20A 250V 3Ø, NEMA L11-20P AND L11-20R, 3-P 3-W, Non-Grounding					
Black & White	2371	2373	–	–	–
All Black	–	–	2370†	–	–
All White	–	–	–	2375	2376

† Not CSA or Fed. Spec. Certified.

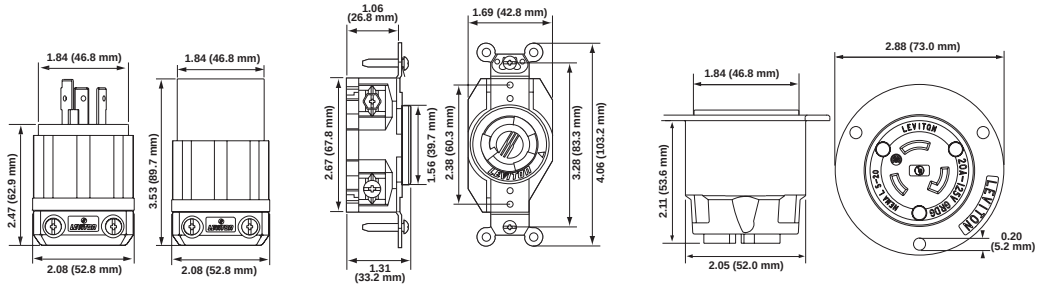
THERMOPLASTIC ELASTOMER BOOTS

PLUG BOOT		CONNECTOR BOOT	
	6031 (Black) **6031-Y** (Yellow)		**6032** (Black) **6032-Y** (Yellow)

FOR DIMENSIONS SEE PAGE E42

GRAY LEXAN FLIP LID COVER	YELLOW LEXAN FLIP LID COVER	WEATHER-RESISTANT THERMOPLASTIC COVER	302 STAINLESS STEEL
For Inlets and Outlets	For Receptacles	For Receptacles	Single Receptacles
 IP64 Rated Includes Gasket and Screws **WP2**	IP64 Rated Includes Gasket and Screws **7420-CR**	 Self-Closing Lid Includes Gasket and Screws **4980-GY**	 1.60" Dia. Hole **84020-40**

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



PLUG | CONNECTOR | RECEPTACLE | INLETS & OUTLETS

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20A 480V 3Ø; 20A 125/250V

Industrial Grade

LEVITON

LIFETIME WARRANTY

NEMA L12-20P | NEMA L12-20R | NEMA L14-20P | NEMA L14-20R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot	#18 – #10 AWG	Ratings & NEMA I.D. permanently marked on device	3-P 3-W .385" – .780"
Grounding	Receptacles #14 – #8 AWG		3-P 4-W .595" – .895"
White, neutral			

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	2410 & 2410-IG Rated V-0 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✓	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR-406	#057

V-0-MAX® INDUSTRIAL GRADE FLUSH RECEPTACLES

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

2411

2413

2380

2410-IG

2415

2416

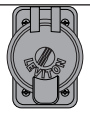
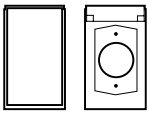
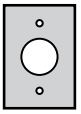
TYPE	PLUG	CONNECTOR	SINGLE FLUSH RECEPTACLE	SINGLE FLUSH IG RECEPTACLE	FLANGED INLET	FLANGED OUTLET
20A 480V 3ø, NEMA L12-20P AND L12-20R, 3-P 3-W, Non-Grounding						
Black & White	2381	2383	–	–	–	–
Yellow & White	–	–	–	–	–	–
All Black	–	–	2380†	–	–	–
All White	–	–	–	–	2385	2386
20A 125/250V, NEMA L14-20P AND L14-20R, 3-P 4-W, Grounding (For V-0-MAX receptacle dimensions, refer to page E12.)						
All Black — Bulk Packaged	2411-B	2413-B	–	–	–	–
Black & White	2411	2413	–	–	–	–
Yellow & White	–	–	–	–	–	–
All Black	–	–	2410	–	–	–
All White	–	–	–	–	2415	2416
Orange	–	–	–	2410-IG	–	–

† Not CSA or Fed. Spec. Certified.

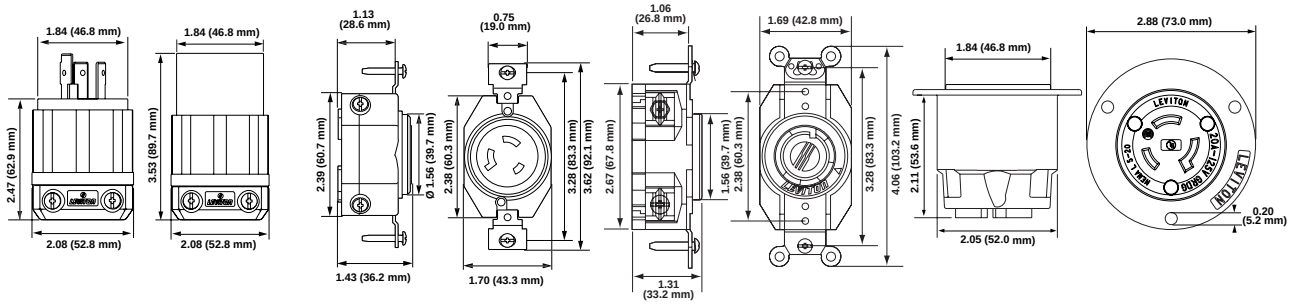
THERMOPLASTIC ELASTOMER BOOTS

PLUG BOOT			CONNECTOR BOOT		
	For 3-P 3-W	For 3-P 4-W		For 3-P 3-W	For 3-P 4-W
	6031 (Black) **6031-Y** (Yellow)	**6033** (Black) **6033-Y** (Yellow)		**6032** (Black) **6032-Y** (Yellow)	**6034** (Black) **6034-Y** (Yellow)

FOR DIMENSIONS SEE PAGE E42

GRAY LEXAN FLIP LID COVER	YELLOW LEXAN FLIP LID COVER	WEATHER-RESISTANT THERMOPLASTIC COVER	302 STAINLESS STEEL
For Inlets and Outlets	For Receptacles	For Receptacles	Single Receptacles
			
IP64 Rated Includes Gasket and Screws **WP2**	IP64 Rated Includes Gasket and Screws **7420-CR**	Self-Closing Lid Includes Gasket and Screws **4980-GY**	1.60" Dia. Hole **84020-40**

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



PLUG | CONNECTOR | RECEPTACLE – 2380 | IG RECEPTACLE | INLETS & OUTLETS

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

20A 250V 3Ø; 20A 480V 3ØY

Industrial Grade

LIFETIME WARRANTY

NEMA L15-20P | NEMA L15-20R | NEMA L16-20P | NEMA L16-20R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot	#18 – #10 AWG	Ratings & NEMA I.D. permanently marked on device	.595" – .895"
Grounding	Receptacles #14 – #8 AWG		
White, neutral			

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	Receptacles Rated V-0 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✓	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR-406	#057

V-O-MAX® INDUSTRIAL GRADE FLUSH RECEPTACLES

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

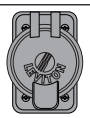
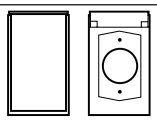
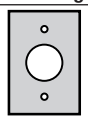
2421 | 2423 | 2430 | 2420-IG | 2425 | 2426

TYPE	PLUG	CONNECTOR	SINGLE FLUSH RECEPTACLE	SINGLE FLUSH IG RECEPTACLE	FLANGED INLET	FLANGED OUTLET
20A 250V 3Ø, NEMA L15-20P AND L15-20R, 3-P 4-W, Grounding						
Black & White	2421	2423	–	–	–	–
Yellow & White	–	–	–	–	–	–
All Black	–	–	2420	–	–	–
All White	–	–	–	–	2425	2426
Orange	–	–	–	2420-IG	–	–
20A 480V, NEMA L16-20P AND L16-20R, 3-P 4-W, Grounding						
All Black — Bulk Packaged	2421-B	2423-B	–	–	–	–
Black & White	2431	2433	–	–	–	–
All Black	–	–	2430	–	–	–
All White	–	–	–	–	2435	2436
Orange	–	–	–	2430-IG	–	–

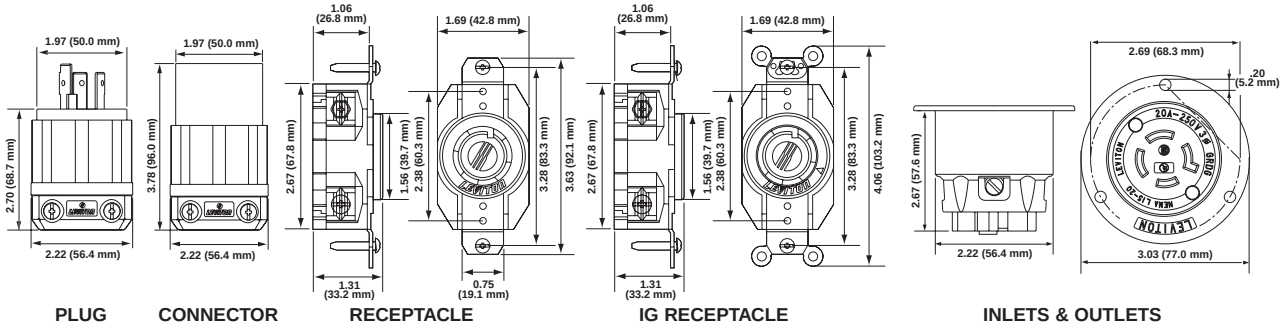
THERMOPLASTIC ELASTOMER BOOTS

PLUG BOOT	CONNECTOR BOOT
6033 (Black) **6033-Y** (Yellow)	**6034** (Black) **6034-Y** (Yellow)

FOR DIMENSIONS SEE PAGE E42

GRAY LEXAN FLIP LID COVER	YELLOW LEXAN FLIP LID COVER	WEATHER-RESISTANT THERMOPLASTIC COVER	302 STAINLESS STEEL
For Inlets and Outlets	For Receptacles	For Receptacles	Single Receptacles
 IP64 Rated Includes Gasket and Screws **WP2**	IP64 Rated Includes Gasket and Screws **7420-CR**	 Self-Closing Lid Includes Gasket and Screws **4980-GY**	 1.60" Dia. Hole **84020-40**

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



PLUG | CONNECTOR | RECEPTACLE | IG RECEPTACLE | INLETS & OUTLETS

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20A 120/208V 3ØY; 20A 277/480V 3ØY

LEVITON

Industrial Grade

NEMA L18-20P | NEMA L18-20R | NEMA L19-20P | NEMA L19-20R

LIFETIME WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot	#18–#10 AWG	Ratings & NEMA I.D. permanently marked on device	.595" – .895"
Grounding	Receptacles #14–#8 AWG		
White, neutral			

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94 / Receptacles Rated V-0 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✓	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR-406	#057

V-O-MAX® INDUSTRIAL GRADE FLUSH RECEPTACLES

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

2451

2453

2450

2455

2456

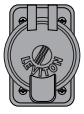
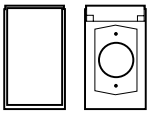
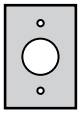
TYPE	PLUG	CONNECTOR	SINGLE FLUSH RECEPTACLE	FLANGED INLET	FLANGED OUTLET
20A 120/208V 3ØY, NEMA L18-20P AND L18-20R, 4-P 4-W, Non-Grounding					
Black & White	2441	2443	–	–	–
Yellow & White	–	–	–	–	–
All Black	–	–	2440†	–	–
All White	–	–	–	2445	2446
20A 277/480V 3ØY, NEMA L19-20P AND L19-20R, 4-P 4-W, Non-Grounding					
Black & White	2451	2453	–	–	–
Yellow & White	–	–	–	–	–
All Black	–	–	2450†	–	–
All White	–	–	–	2455	2456

† Not CSA or Fed. Spec. Certified.

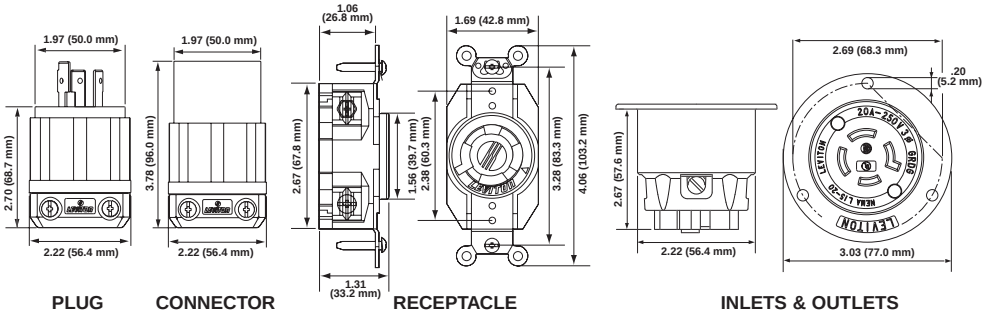
THERMOPLASTIC ELASTOMER BOOTS

PLUG BOOT	CONNECTOR BOOT
6033 (Black) **6033-Y** (Yellow)	**6034** (Black) **6034-Y** (Yellow)

FOR DIMENSIONS SEE PAGE E42

GRAY LEXAN FLIP LID COVER	YELLOW LEXAN FLIP LID COVER	WEATHER-RESISTANT THERMOPLASTIC COVER	302 STAINLESS STEEL
For Inlets and Outlets	For Receptacles	For Receptacles	Single Receptacles
 IP64 Rated Includes Gasket and Screws **WP2**	IP64 Rated Includes Gasket and Screws **7420-CR**	 Self-Closing Lid Includes Gasket and Screws **4980-GY**	 1.60" Dia. Hole **84020-40**

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



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20A 347/600V 3ØY; 20A 120/208V 3ØY

Industrial Grade

LIFETIME WARRANTY

NEMA L20-20P | NEMA L20-20R | NEMA L21-20P | NEMA L21-20R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot	#18 – #10 AWG	Ratings & NEMA I.D. permanently marked on device	.595" – .895"
Grounding	Receptacles #14 – #8 AWG		
White, neutral			

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94 / Receptacles Rated V-0 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✓	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets; #E13399 Receptacles & Flanged Outlets	#LR-406	#057

V-O-MAX® INDUSTRIAL GRADE FLUSH RECEPTACLES

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

2511

2513

2510

2510-IG

2515 | 2516

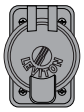
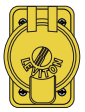
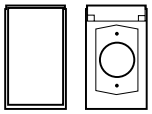
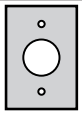
TYPE	PLUG	CONNECTOR	SINGLE FLUSH RECEPTACLE	SINGLE FLUSH IG RECEPTACLE	FLANGED INLET	FLANGED OUTLET
20A 347/600V 3ØY, NEMA L20-20P AND L20-20R, 4-P 4-W, Non-Grounding						
Black & White	2461	2463	–	–	–	–
All Yellow	–	–	–	–	–	–
All Black	–	–	2460†	–	–	–
All White	–	–	–	–	2465	2466
20A 120/208V 3ØY, NEMA L21-20P AND L21-20R, 4-P 5-W, Grounding						
Black & White	2511	2513	–	–	–	–
All Black	–	–	2510	–	–	–
All White	–	–	–	–	2515	2516
Orange	–	–	–	2510-IG	–	–

† Not CSA or Fed. Spec. Certified.

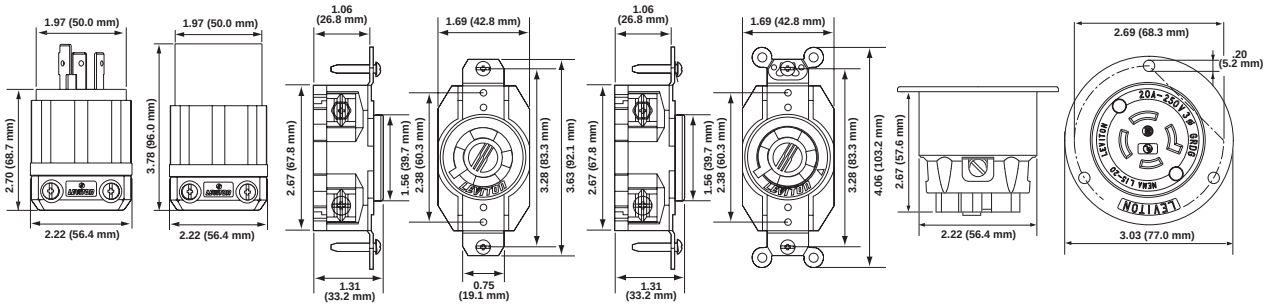
THERMOPLASTIC ELASTOMER BOOTS

PLUG BOOT	CONNECTOR BOOT
6033 (Black) **6033-Y** (Yellow)	**6034** (Black) **6034-Y** (Yellow)

FOR DIMENSIONS SEE PAGE E42

GRAY LEXAN FLIP LID COVER	YELLOW LEXAN FLIP LID COVER	WEATHER-RESISTANT THERMOPLASTIC COVER	302 STAINLESS STEEL
For Inlets and Outlets	For Receptacles	For Receptacles	Single Receptacles
 IP64 Rated; Includes Gasket and Screws; **WP2**	 IP64 Rated; Includes Gasket and Screws; **7420-CR**	 Self-Closing Lid; Includes Gasket and Screws; **4980-GY**	 1.60" Dia. Hole; **84020-40**

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



PLUG | CONNECTOR | RECEPTACLE | IG RECEPTACLE | INLETS & OUTLETS

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20A277/480V 3ØY; 20A 347/600V 3ØY

LEVITON

Industrial Grade

NEMA L22-20P | NEMA L22-20R | NEMA L23-20P | NEMA L23-20R

LIFETIME WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White, neutral	#18 – #10 AWG Receptacles #14 – #8 AWG	Ratings & NEMA I.D. permanently marked on device	.595" – .895"

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94 2520-IG & 2530-IG Rated V-0 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✓	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR-406	#057

V-O-MAX® INDUSTRIAL GRADE FLUSH RECEPTACLES

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

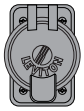
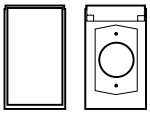
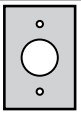
2521 | 2523 | 2520 | 2520-IG | 2525 | 2526

TYPE	PLUG	CONNECTOR	SINGLE FLUSH RECEPTACLE	SINGLE FLUSH IG RECEPTACLE	FLANGED INLET	FLANGED OUTLET
20A 277/480V 3ØY, NEMA L22-20P AND L22-20R, 4-P 5-W, Grounding						
Black & White	2521	2523	–	–	–	–
All Yellow	–	–	–	–	–	–
All Black	–	–	2520	–	–	–
All White	–	–	–	–	2525	2526
Orange	–	–	–	2520-IG	–	–
20A 347/600V 3ØY, NEMA L23-20P AND L23-20R, 4-P 5-W, Grounding						
Black & White	2531	2533	–	–	–	–
All Yellow	–	–	–	–	–	–
All Black	–	–	2530	–	–	–
All White	–	–	–	–	2545	2546
Orange	–	–	–	2530-IG	–	–

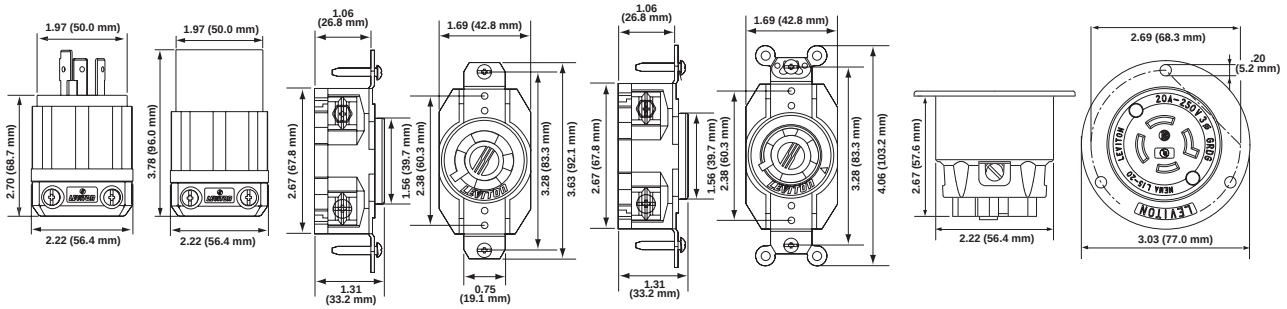
THERMOPLASTIC ELASTOMER BOOTS

PLUG BOOT	CONNECTOR BOOT
6033 (Black) **6033-Y** (Yellow)	**6034** (Black) **6034-Y** (Yellow)

FOR DIMENSIONS SEE PAGE E42

GRAY LEXAN FLIP LID COVER	YELLOW LEXAN FLIP LID COVER	WEATHER-RESISTANT THERMOPLASTIC COVER	302 STAINLESS STEEL
For Inlets and Outlets	For Receptacles	For Receptacles	Single Receptacles
 IP64 Rated Includes Gasket and Screws **WP2**	IP64 Rated Includes Gasket and Screws **7420-CR**	 Self-Closing Lid Includes Gasket and Screws **4980-GY**	 1.60" Dia. Hole **84020-40**

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



PLUG | CONNECTOR | RECEPTACLE | IG RECEPTACLE | INLETS & OUTLETS

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30A 125V; 30A 250V

Industrial Grade

LIFETIME WARRANTY

NEMA L5-30P | NEMA L5-30R | NEMA L6-30P | NEMA L6-30R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot	#18 – #10 AWG	Ratings & NEMA I.D. permanently marked on device	.385" – .860"
Grounding	Receptacles #14 - #8 AWG		
White, neutral			

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94 / Receptacles Rated V-0 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✓	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR-406	#057

V-O-MAX® INDUSTRIAL GRADE FLUSH RECEPTACLES

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

2621-B

2623

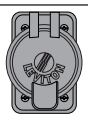
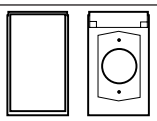
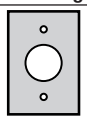
2620

2620-IG

2615

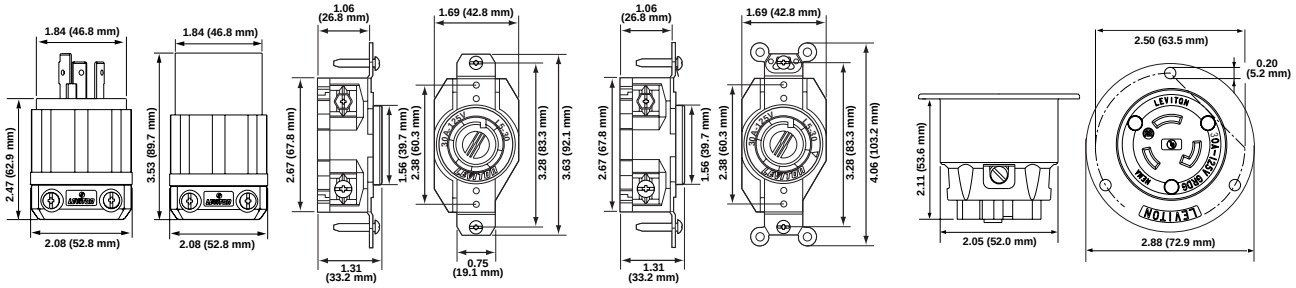
2616

TYPE	PLUG	CONNECTOR	SINGLE FLUSH RECEPTACLE	SINGLE FLUSH IG RECEPTACLE	FLANGED INLET	FLANGED OUTLET
30A 125V, NEMA L5-30P AND L5-30R, 2-P 3-W, Grounding						
Black & White	2611	2613	–	–	–	–
Yellow & White	2611-CY	2613-CY	–	–	–	–
All Black	2611-B	2613-B	2610	–	–	–
All White	–	–	–	–	2615	2616
Orange	–	–	–	2610-IG	–	–
Power Indication Black & White	2611-PLC	2613-PLC	–	–	–	–
Power Indication All Black	2611-PLB	2613-PLB	–	–	–	
30A 250V, NEMA L6-30P AND L6-30R, 2-P 3-W, Grounding						
Black & White	2621	C2623	–	–	–	–
Yellow & White	2621-CY	C2623-CY	–	–	–	–
All Black	2621-B	C2623-B	2620	–	–	–
All White	–	–	–	–	2625F	2626F
Orange	–	–	–	2620-IG	–	–
Power Indication Black & White	2621-PLC	2623-PLC	–	–	–	–

GRAY LEXAN FLIP LID COVER	YELLOW LEXAN FLIP LID COVER	WEATHER-RESISTANT THERMOPLASTIC COVER	302 STAINLESS STEEL
For Inlets and Outlets	For Receptacles	For Receptacles	Single Receptacles
 IP64 Rated Includes Gasket and Screws **WP2**	IP64 Rated Includes Gasket and Screws **7420-CR**	 Self-Closing Lid Includes Gasket and Screws **4980-GY**	 1.60" Dia. Hole **84020-40**

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q

FOR THERMOPLASTIC ELASTOMER BOOTS SEE PAGE E10



PLUG | CONNECTOR | RECEPTACLE | IG RECEPTACLE | INLETS & OUTLETS

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30A 277V; 30A 480V

Industrial Grade

LEVITON

LIFETIME WARRANTY

NEMA L7-30P | NEMA L7-30R | NEMA L8-30P | NEMA L8-30R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot	#18 – #10 AWG	Ratings & NEMA I.D. permanently marked on device	.385" – .860"
Grounding	Receptacles #14 - #8 AWG		
White, neutral			

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94 / Receptacles Rated V-0 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✓	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets; #E13399 Receptacles & Flanged Outlets	#LR-406	#057

V-O-MAX® INDUSTRIAL GRADE FLUSH RECEPTACLES

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

2641

2643

2630

2640-IG

2645

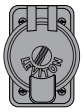
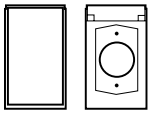
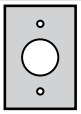
2646

TYPE	PLUG	CONNECTOR	SINGLE FLUSH RECEPTACLE	SINGLE FLUSH IG RECEPTACLE	FLANGED INLET	FLANGED OUTLET
30A 277V, NEMA L7-30P AND L7-30R, 2-P 3-W, Grounding						
Black & White	2631	2633	–	–	–	–
All Black	–	–	2630	–	–	–
All White	–	–	–	–	2635	2636
Orange	–	–	–	2630-IG	–	–
Power Indication Black & White	2631-PLC	2633-PLC	–	–	–	–
30A 480V, NEMA L8-30P AND L8-30R, 2-P 3-W, Grounding						
Black & White	2641	2643	–	–	–	–
All Black	–	–	2640	–	–	–
All White	–	–	–	–	2645	2646
Orange	–	–	–	2640-IG	–	–

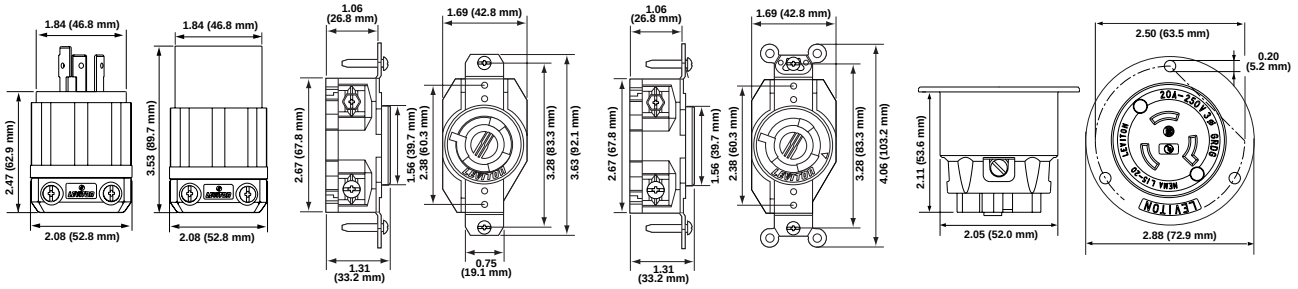
THERMOPLASTIC ELASTOMER BOOTS

PLUG BOOT	CONNECTOR BOOT
6031 (Black) **6031-Y** (Yellow)	**6032** (Black) **6032-Y** (Yellow)

FOR DIMENSIONS SEE PAGE E42

GRAY LEXAN FLIP LID COVER	YELLOW LEXAN FLIP LID COVER	WEATHER-RESISTANT THERMOPLASTIC COVER	302 STAINLESS STEEL
For Inlets and Outlets	For Receptacles	For Receptacles	Single Receptacles
 IP64 Rated; Includes Gasket and Screws; **WP2**	IP64 Rated; Includes Gasket and Screws; **7420-CR**	 Self-Closing Lid; Includes Gasket and Screws; **4980-GY**	 1.60" Dia. Hole; **84020-40**

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



PLUG | CONNECTOR | RECEPTACLE | IG RECEPTACLE | INLETS & OUTLETS

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30A 600V; 30A 125/250V

Industrial Grade

LIFETIME WARRANTY

NEMA L9-30P | NEMA L9-30R | NEMA L10-30P | NEMA L10-30R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot	#18 – #10 AWG	Ratings & NEMA I.D. permanently marked on device	.385" – .860"
Grounding	Receptacles #14 – #8 AWG		
White, neutral			

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94 / Receptacles Rated V-0 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✓	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets; #E13399 Receptacles & Flanged Outlets	#LR-406	#057

V-O-MAX® INDUSTRIAL GRADE FLUSH RECEPTACLES

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

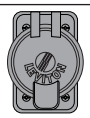
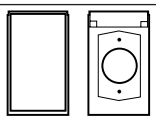
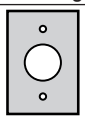
2661 | 2663 | 2650-A | 2650-IG | 2655 | 2666

TYPE	PLUG	CONNECTOR	SINGLE FLUSH RECEPTACLE	SINGLE FLUSH IG RECEPTACLE	FLANGED INLET	FLANGED OUTLET
30A 600V, NEMA L9-30P AND L9-30R, 2-P 3-W, Grounding						
Black & White	C2651	C2653	–	–	–	–
All Black	–	–	2650	–	–	–
All White	–	–	–	–	2655	2656
Orange	–	–	–	2650-IG	–	–
30A 125/250V, NEMA L10-30P AND L10-30R, 3-P 3-W, Non-Grounding						
Black & White	2661	2663	–	–	–	–
All Black	–	–	2660	–	–	– –
All White	–	–	–	–	2665	2666

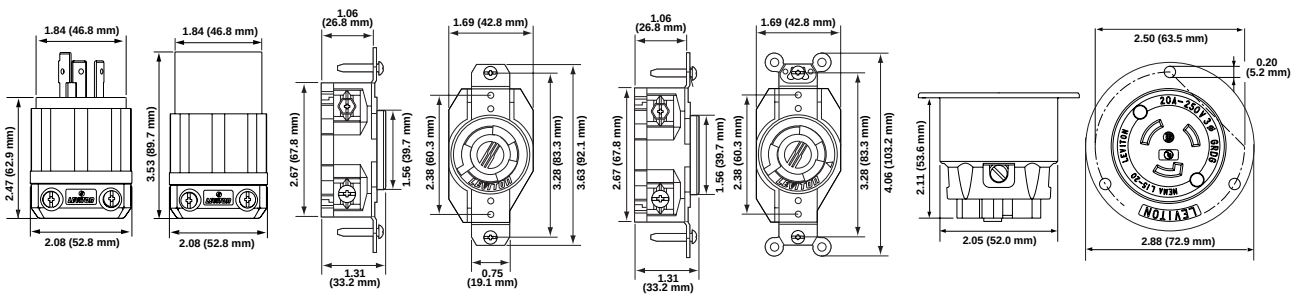
THERMOPLASTIC ELASTOMER BOOTS

PLUG BOOT	CONNECTOR BOOT
6031 (Black) **6031-Y** (Yellow)	**6032** (Black) **6032-Y** (Yellow)

FOR DIMENSIONS SEE PAGE E42

GRAY LEXAN FLIP LID COVER	YELLOW LEXAN FLIP LID COVER	WEATHER-RESISTANT THERMOPLASTIC COVER	302 STAINLESS STEEL
For Inlets and Outlets	For Receptacles	For Receptacles	Single Receptacles
 IP64 Rated; Includes Gasket and Screws; **WP2**	IP64 Rated; Includes Gasket and Screws; **7420-CR**	 Self-Closing Lid; Includes Gasket and Screws; **4980-GY**	 1.60" Dia. Hole; **84020-40**

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



PLUG | CONNECTOR | RECEPTACLE | IG RECEPTACLE | INLETS & OUTLETS

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30A 250V 3Ø; 480V 3Ø; 600V 3Ø

LEVITON

Industrial Grade

NEMA L1130P | NEMA L11-30R | NEMA L12-30P | NEMA L12-30R | NEMA L13-30P | NEMA L13-30R

LIFETIME WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot	#18 – #10 AWG	Ratings & NEMA I.D. permanently marked on device	.385" – .860"
Grounding	Receptacles #14 - #8 AWG		
White, neutral			

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	Receptacles Rated V-0 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✓	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR-406	#057

V-O-MAX® INDUSTRIAL GRADE FLUSH RECEPTACLES

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

2671 | 2673 | 2670 | 2675 | 2676

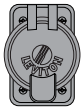
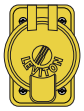
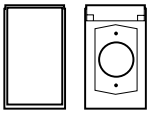
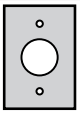
TYPE	PLUG	CONNECTOR	SINGLE FLUSH RECEPTACLE	FLANGED INLET	FLANGED OUTLET
30A 250V 3Ø, NEMA L11-30P AND L11-30R, 3-P 3-W, Non-Grounding					
Black & White	2671	2673	–	–	–
All Black	–	–	2670†	–	–
All White	–	–	–	2675	2676
30A 480V 3Ø, NEMA L12-30P AND L12-30R, 3-P 3-W, Non-Grounding					
Black & White	2681	2683	–	–	–
All Black	–	–	2680†	–	–
All White	–	–	–	2685	2686
30A 600V 3Ø, NEMA L13-30P AND L13-30R, 3-P 3-W, Non-Grounding					
Black & White	2691	2693	–	–	–
All Black	–	–	2690†	–	–
All White	–	–	–	2695	2696

† Not CSA or Fed. Spec. Certified.

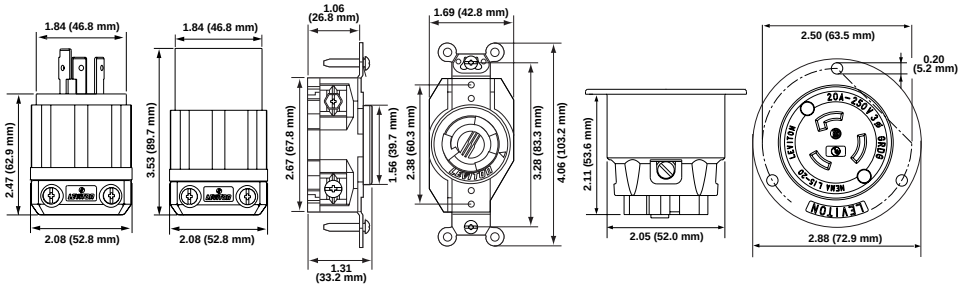
THERMOPLASTIC ELASTOMER BOOTS

PLUG BOOT	CONNECTOR BOOT
6031 (Black) **6031-Y** (Yellow)	**6032** (Black) **6032-Y** (Yellow)

FOR DIMENSIONS SEE PAGE E42

GRAY LEXAN FLIP LID COVER	YELLOW LEXAN FLIP LID COVER	WEATHER-RESISTANT THERMOPLASTIC COVER	302 STAINLESS STEEL
For Inlets and Outlets	For Receptacles	For Receptacles	Single Receptacles
 IP64 Rated Includes Gasket and Screws **WP2**	 IP64 Rated Includes Gasket and Screws **7420-CR**	 Self-Closing Lid Includes Gasket and Screws **4980-GY**	 1.60" Dia. Hole **84020-40**

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



PLUG | CONNECTOR | RECEPTACLE | INLETS & OUTLETS

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30A125/250V; 30A 250V 3Ø

Industrial Grade

LIFETIME WARRANTY

NEMA L14-30P | NEMA L14-30R | NEMA L15-30P | NEMA L15-30R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White, neutral	#18 – #10 AWG Receptacles #14 – #8 AWG	Ratings & NEMA I.D. permanently marked on device	.595" – 1.150"
ENVIRONMENTAL			
FLAMMABILITY		**OPERATING TEMP.**	
Rated V-2 per UL 94	Receptacles Rated V-0 per UL 94	-40°C to 60°C	

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✓	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR-406	#057

V-O-MAX® INDUSTRIAL GRADE FLUSH RECEPTACLES

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

2721

2713

2710

2710-IG

2715

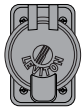
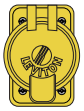
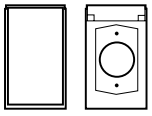
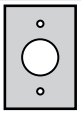
2716

TYPE	PLUG	CONNECTOR	SINGLE FLUSH RECEPTACLE	SINGLE FLUSH IG RECEPTACLE	FLANGED INLET	FLANGED OUTLET
30A 125/250V, NEMA L14-30P AND L14-30R, 3-P 4-W, Grounding						
All Black — Bulk Packaged	2711-B	2713-B	–	–	–	–
Black & White	2711	2713 –	–	–	–	
Yellow & White	2711-CY	2713-CY	–	–	–	–
All Black	–	–	2710	–	–	–
All White	–	–	–	–	2715	2716
Orange	–	–	–	2710-IG	–	–
30A 250V 3Ø, NEMA L15-30P AND L15-30R, 3-P 4-W, Grounding						
All Black — Bulk Packaged	2721-B	2723-B	–	–	–	–
Black & White	2721	2723	–	–	–	
All Black	–	–	2720	–	–	–
All White	–	–	–	–	2725	2726
Orange	–	–	–	2720-IG	–	–

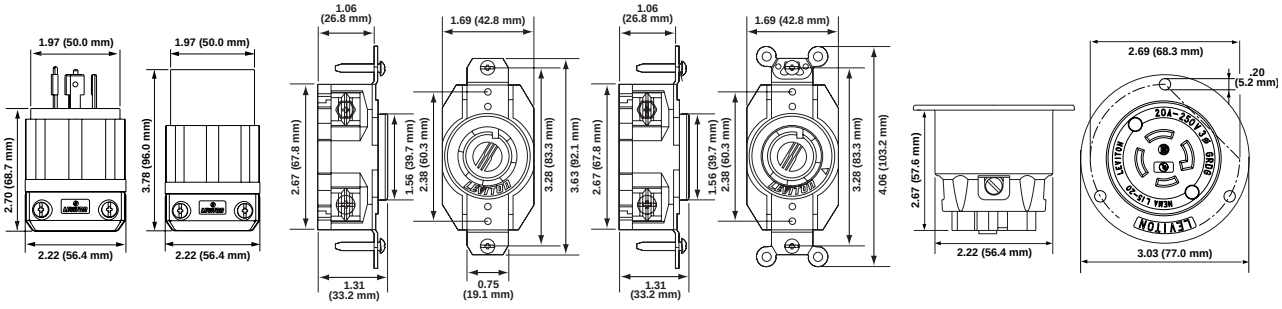
THERMOPLASTIC ELASTOMER BOOTS

PLUG BOOT	CONNECTOR BOOT
6033 (Black) **6033-Y** (Yellow)	**6034** (Black) **6034-Y** (Yellow)

FOR DIMENSIONS SEE PAGE E42

GRAY LEXAN FLIP LID COVER	YELLOW LEXAN FLIP LID COVER	WEATHER-RESISTANT THERMOPLASTIC COVER	302 STAINLESS STEEL
For Inlets and Outlets	For Receptacles	For Receptacles	Single Receptacles
 IP64 Rated Includes Gasket and Screws **WP2**	 IP64 Rated Includes Gasket and Screws **7420-CR**	 Self-Closing Lid Includes Gasket and Screws **4980-GY**	 1.60" Dia. Hole **84020-40**

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



PLUG | CONNECTOR | RECEPTACLE | IG RECEPTACLE | INLETS & OUTLETS

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

30A 480V 3Ø; 30A 600V 3Ø

Industrial Grade

LEVITON

NEMA L16-30P NEMA L16-30R NEMA L17-30P NEMA L17-30R

LIFETIME WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot	#18 – #10 AWG	Ratings & NEMA I.D. permanently marked on device	.595" – 1.150"
Grounding	Receptacles #14 – #8 AWG		
White, neutral			

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94 / Receptacles Rated V-0 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✓	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR-406	#057

V-O-MAX® INDUSTRIAL GRADE FLUSH RECEPTACLES

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

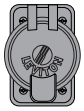
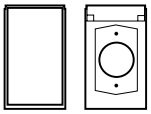
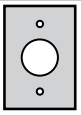
2731 2733 2730 2730-IG 2735 2736

TYPE	PLUG	CONNECTOR	SINGLE FLUSH RECEPTACLE	SINGLE FLUSH IG RECEPTACLE	FLANGED INLET	FLANGED OUTLET
30A 480V 3ø, NEMA L16-30P AND L16-30R, 3-P 4-W, Grounding						
All Black — Bulk Packaged	2731-B	2733-B	–	–	–	–
Black & White	2731	2733	–	–	–	–
All Black	–	–	2730	–	–	–
All White	–	–	–	–	2735	2736
Orange	–	–	–	2730-IG	–	–
30A 600V 3ø, NEMA L17-30P AND L17-30R, 3-P 4-W, Grounding						
Black & White	2741	2743	–	–	–	–
All Black	–	–	2740	–	–	–
All White	–	–	–	–	2745	2746
Orange	–	–	–	2740-IG	–	–

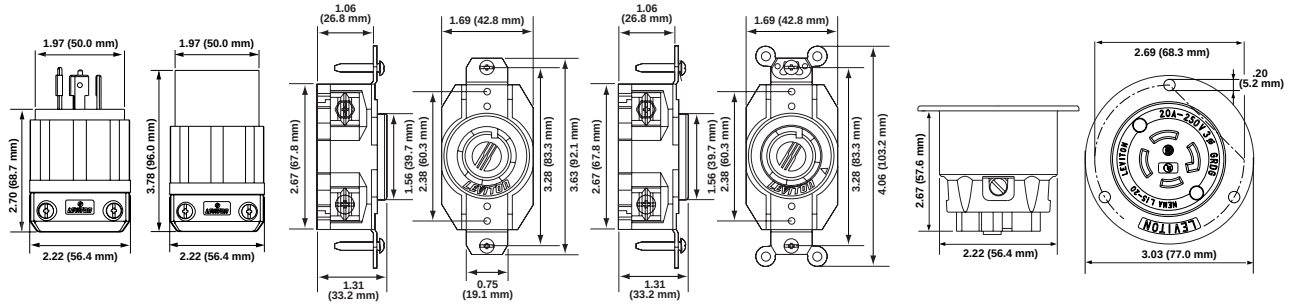
THERMOPLASTIC ELASTOMER BOOTS

PLUG BOOT	CONNECTOR BOOT
6033 (Black) **6033-Y** (Yellow)	**6034** (Black) **6034-Y** (Yellow)

FOR DIMENSIONS SEE PAGE E42

GRAY LEXAN FLIP LID COVER	YELLOW LEXAN FLIP LID COVER	WEATHER-RESISTANT THERMOPLASTIC COVER	302 STAINLESS STEEL
For Inlets and Outlets	For Receptacles	For Receptacles	Single Receptacles
 IP64 Rated Includes Gasket and Screws **WP2**	IP64 Rated Includes Gasket and Screws **7420-CR**	 Self-Closing Lid Includes Gasket and Screws **4980-GY**	 1.60" Dia. Hole **84020-40**

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



PLUG CONNECTOR RECEPTACLE IG RECEPTACLE INLETS & OUTLETS

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

30A120/208V 3ØY, 30A 277/480V 3ØY

Industrial Grade

LIFETIME WARRANTY

NEMA L18-30P | NEMA L18-30R | NEMA L19-30P | NEMA L19-30R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot	#18 - #10 AWG	Ratings & NEMA I.D. permanently marked on device	.595" - 1.150"
Grounding	Receptacles #14 - #8 AWG		
White, neutral			

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94 / Receptacles Rated V-0 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✓	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets; #E13399 Receptacles & Flanged Outlets	#LR-406	#057

V-O-MAX® INDUSTRIAL GRADE FLUSH RECEPTACLES

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

2761

2763

2760

2765

2766

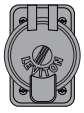
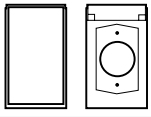
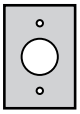
TYPE	PLUG	CONNECTOR	SINGLE FLUSH RECEPTACLE	FLANGED INLET	FLANGED OUTLET
30A 120/208V 3øY, NEMA L18-30P AND L18-30R, 4-P 4-W, Non-Grounding					
Black & White	2751	2753	–	–	–
All Black	–	–	2750†	–	–
All White	–	–	–	2755	2756
30A 277/480V 3øY, NEMA L19-30P AND L19-30R, 4-P 4-W, Non-Grounding					
Black & White	2761	2763	–	–	–
All Black	–	–	2760†	–	–
All White	–	–	–	2765	2766

† Not CSA or Fed. Spec. Certified.

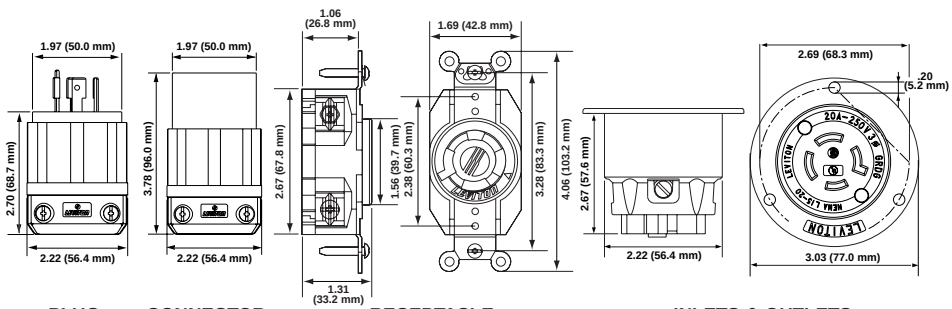
THERMOPLASTIC ELASTOMER BOOTS

PLUG BOOT		CONNECTOR BOOT	
	6033 (Black) **6033-Y** (Yellow)		**6034** (Black) **6034-Y** (Yellow)

FOR DIMENSIONS SEE PAGE E42

GRAY LEXAN FLIP LID COVER	YELLOW LEXAN FLIP LID COVER	WEATHER-RESISTANT THERMOPLASTIC COVER	302 STAINLESS STEEL
For Inlets and Outlets	For Receptacles	For Receptacles	Single Receptacles
 IP64 Rated Includes Gasket and Screws **WP2**	IP64 Rated Includes Gasket and Screws **7420-CR**	 Self-Closing Lid Includes Gasket and Screws **4980-GY**	 1.60" Dia. Hole **84020-40**

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



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30A 347/600V3ØY; 30A120/208V3ØY

Industrial Grade

LEVITON

LIFETIME WARRANTY

NEMA L20-30P | NEMA L20-30R | NEMA L21-30P | NEMA L21-30R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White, neutral	#18 – #10 AWG Receptacles #14 – #8 AWG	Ratings & NEMA I.D. permanently marked on device	.595" – 1.150"

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94 Receptacles Rated V-0 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✓	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR-406	#057

V-O-MAX INDUSTRIAL GRADE FLUSH RECEPTACLES

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

2811 | 2813 | 2810 | 2810-IG | 2815 | 2816

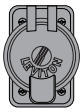
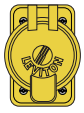
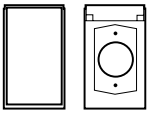
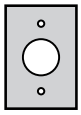
TYPE	PLUG	CONNECTOR	SINGLE FLUSH RECEPTACLE	SINGLE FLUSH IG RECEPTACLE	FLANGED INLET	FLANGED OUTLET
30A 347/600V 3øY, NEMA L20-30P AND L20-30R, 4-P 4-W, Non-Grounding						
Black & White	2771	2773	–	–	–	–
All Black	–	–	2770†	–	–	–
All White	–	–	–	–	2775	2776
30A 120/208V 3øY, NEMA L21-30P AND L21-30R, 4-P 5-W, Grounding						
Black & White	2811	2813	–	–	–	–
All Black	–	–	2810	–	–	–
All White	–	–	–	–	2815	2816
Orange	–	–	–	2810-IG	–	–

† Not CSA or Fed. Spec. Certified.

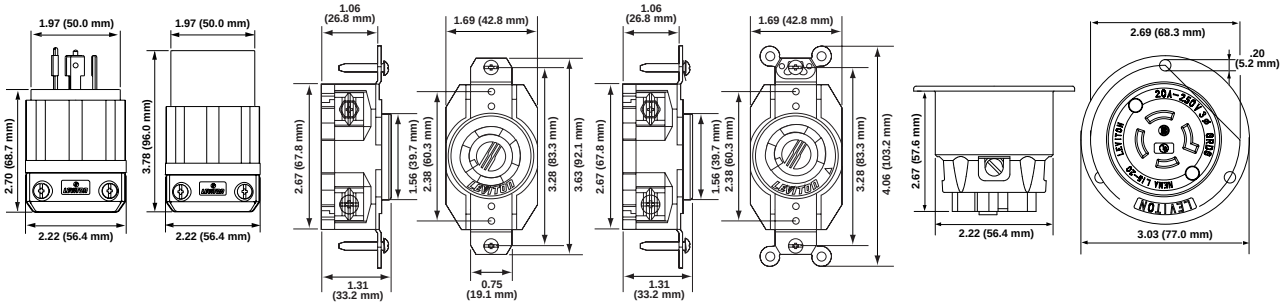
THERMOPLASTIC ELASTOMER BOOTS

PLUG BOOT	CONNECTOR BOOT
6033 (Black) **6033-Y** (Yellow)	**6034** (Black) **6034-Y** (Yellow)

FOR DIMENSIONS SEE PAGE E42

GRAY LEXAN FLIP LID COVER	YELLOW LEXAN FLIP LID COVER	WEATHER-RESISTANT THERMOPLASTIC COVER	302 STAINLESS STEEL
For Inlets and Outlets	For Receptacles	For Receptacles	Single Receptacles
 IP64 Rated Includes Gasket and Screws **WP2**	 IP64 Rated Includes Gasket and Screws **7420-CR**	 Self-Closing Lid Includes Gasket and Screws **4980-GY**	 1.60" Dia. Hole **84020-40**

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



PLUG | CONNECTOR | RECEPTACLE | IG RECEPTACLE | INLETS & OUTLETS

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30A 277/480V 3ØY; 30A 347/600V 3ØY

Industrial Grade

LIFETIME WARRANTY

NEMA L22-30P | NEMA L22-30R | NEMA L23-30P | NEMA L23-30R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot	#18 – #10 AWG	Ratings & NEMA I.D. permanently marked on device	.595" – 1.150"
Grounding	Receptacles #14 – #8 AWG		
White, neutral			

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	2820-IG & 2830-IG Rated V-0 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✔	✔	✔	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR-406	#057

V-O-MAX® INDUSTRIAL GRADE FLUSH RECEPTACLES

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

2831

2833

2830

2830-IG*

2830 & 2830-IG photos are for representation purposes only

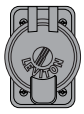
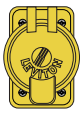
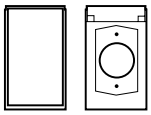
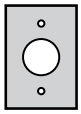
2835-F

2836-F

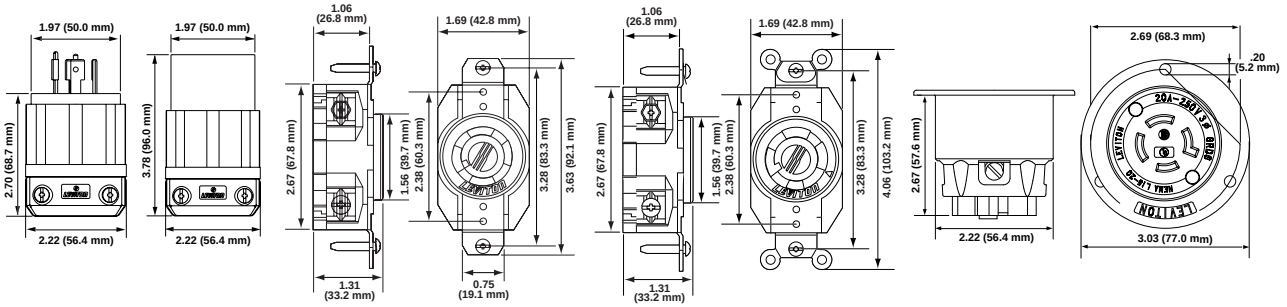
TYPE	PLUG	CONNECTOR	SINGLE FLUSH RECEPTACLE	SINGLE FLUSH IG RECEPTACLE	FLANGED INLET	FLANGED OUTLET
30A 277/480V 3øY, NEMA L22-30P AND L22-30R, 4-P 5-W, Grounding						
Black & White	2821	2823	–	–	–	–
All Black	–	–	2820	–	–	–
All White	–	–	–	–	2825	2826
Orange	–	–	–	2820-IG	–	–
30A 347/600V 3øY, NEMA L23-30P AND L23-30R, 4-P 5-W, Grounding						
Black & White	2831	2833	–	–	–	–
All Black	–	–	2830	–	–	–
All White	–	–	–	–	2835	2836
Orange	–	–	–	2830-IG	–	–

THERMOPLASTIC ELASTOMER BOOTS	
PLUG BOOT	CONNECTOR BOOT
6033 (Black) **6033-Y** (Yellow)	**6034** (Black) **6034-Y** (Yellow)

FOR DIMENSIONS SEE PAGE E42

GRAY LEXAN FLIP LID COVER	YELLOW LEXAN FLIP LID COVER	WEATHER-RESISTANT THERMOPLASTIC COVER	302 STAINLESS STEEL
For Inlets and Outlets	For Receptacles	For Receptacles	Single Receptacles
 IP64 Rated Includes Gasket and Screws **WP2**	 IP64 Rated Includes Gasket and Screws **7420-CR**	 Self-Closing Lid Includes Gasket and Screws **4980-GY**	 1.60" Dia. Hole **84020-40**

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



PLUG | CONNECTOR | RECEPTACLE | IG RECEPTACLE | INLETS & OUTLETS

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15A 125V, 10A 250V; 20A 250V, 10A 600V

Industrial Grade, Non-NEMA

LEVITON

LIFETIME WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White, neutral	#18 – #10 AWG	Ratings & NEMA I.D. permanently marked on device	.245" – .700" 125V/250V Series .595" – .895" 250V/600V Series

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

NOTICE

Effective July 1, 1981, rating for non-grounding devices on this page were changed from 20A-250V AC/DC, 10A-600V AC to comply with UL requirements. Add (-G) for grounding devices: (-G) devices are rated 20A-250V AC/DC, 10A-600V AC and are no longer UL Listed — for replacement use only.

For Corrosion Resistant Locking Devices, see section I.

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

Dimensions for 15A devices refer to page E3.

7567-C 7565-C 7582 7556 7557

TYPE	PLUG	CONNECTOR	SINGLE FLUSH RECEPTACLE	FLANGED INLET	FLANGED OUTLET	NON-NEMA CONFIGURATIONS	
15A 125V/10A 250V, Non-NEMA, 3-P 3-W, Non-Grounding, Non UL Listed - for Replacement Use Only							
Black & White	7567-C	7565-C	–	–	–		
All Black	–	–	7582	–	–	NON-NEMA	NON-NEMA
All White	–	–	–	7556	7557		

THERMOPLASTIC ELASTOMER BOOTS		WEATHER-RESISTANT COVER	302 STAINLESS STEEL	NYLON
For Plugs	For Connectors	Single Receptacles - 1.40" Dia. Hole		
6017-L (Black) 6017-LY (Yellow)	6018-L (Black) 6018-LY (Yellow)	Self-Closing Lid Includes Gasket and Screws 4979-GY	84004-40	80704-GY

FOR DIMENSIONS SEE PAGE E42

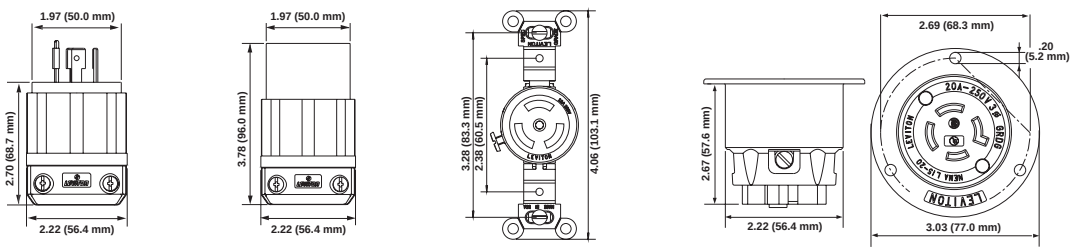
FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q

TYPE	PLUG	CONNECTOR	SINGLE FLUSH RECEPTACLE	FLANGED INLET	FLANGED OUTLET	NON-NEMA CONFIGURATIONS	
20A 250V AC/DC/ 10A 600V AC, Non-NEMA, 4-P 5-W, Grounding, UL Listed — for Replacement Use Only							
All Black & White	3521-C	3523-C	–	–	–		
All Black	–	–	3520	–	–	NON-NEMA	NON-NEMA
All White	–	–	–	3524-C	3525-C		

THERMOPLASTIC ELASTOMER BOOTS		GRAY LEXAN FLIP LID COVER	YELLOW LEXAN COVER	302 STAINLESS STEEL
For Plugs	For Connectors	For Inlets and Outlets	For Receptacles	Single Receptacles
6033 (Black) 6033-Y (Yellow)	6034 (Black) 6034-Y (Yellow)	IP64 Rated Includes Gasket and Screws WP2	IP64 Rated Includes Gasket and Screws 7420-CR	1.60" Dia. Hole 84020-40

FOR DIMENSIONS SEE PAGE E42

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



PLUG 20A 250V CONNECTOR 20A 250V RECEPTACLE 15A 125V INLETS & OUTLETS 20A 250V AT 10

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20A 125/250V; 20A 120/208V 3ØY

Industrial Grade, Non-NEMA

LIFETIME WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White, neutral	#18 – #10 AWG	Ratings & NEMA I.D. permanently marked on device	.385" – .780" 125V/250V Series .595" – .895" 120V/208V Series

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

NOTICE

Effective July 1, 1981, rating for non-grounding devices on this page were changed from 20A-250V AC/DC, 10A-600V AC to comply with UL requirements. Add (-G) for grounding devices: (-G) devices are rated 20A-250V AC/DC, 10A-600V AC and are no longer UL Listed — for replacement use only.

For Corrosion Resistant Locking Devices, see section I.

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

9965-C

7314-C

7310-B

3325-C

3326-C

TYPE	PLUG	CONNECTOR	SINGLE FLUSH RECEPTACLE	FLANGED INLET	FLANGED OUTLET	NON-NEMA CONFIGURATIONS	
20A 125V/250V, Non-NEMA, 3-P 3-W, Non-Grounding, UL Listed — for Replacement Use Only							
Black & White	9965-C	7314-C	–	–	–	NON-NEMA	NON-NEMA
All Black	–	–	7310-B	–	–		
All White	–	–	–	3325-C	3326-C		

THERMOPLASTIC ELASTOMER BOOTS FOR 20 AMP 3-P 3-W DEVICES — FOR DIMENSIONS SEE PAGE E42

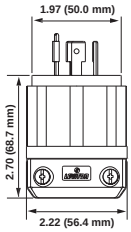
PLUG BOOT		CONNECTOR BOOT	
	6031 (Black) **6031-Y** (Yellow)		**6032** (Black) **6032-Y** (Yellow)

TYPE	PLUG	CONNECTOR	SINGLE FLUSH RECEPTACLE	FLANGED INLET	FLANGED OUTLET	NON-NEMA CONFIGURATIONS	
20A 120V/208V 3øY, Non-NEMA, 4-P 4-W, Non-Grounding, UL Listed — for Replacement Use Only							
Black & White	7411-C	7413-C	–	–	–	NON-NEMA	NON-NEMA
All Black	–	–	7410-B	–	–		
All White	–	–	–	7408-C	7409-C		

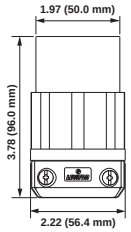
TYPE	PLUG	CONNECTOR	SINGLE FLUSH RECEPTACLE	FLANGED INLET	FLANGED OUTLET	NON-NEMA CONFIGURATIONS	
20A 250V, 10A 600V, Non-NEMA, 3-P 4-W, Grounding, Non UL Listed — for Replacement Use Only							
Black & White	7411-GC	7413-GC	–	–	–	NON-NEMA	NON-NEMA
All Black	–	–	7410-BG	–	–		
All White	–	–	–	7408-GC	7409-GC		

THERMOPLASTIC ELASTOMER BOOTS FOR 20 AMP 4-P 4-W DEVICES — FOR DIMENSIONS SEE PAGE E42

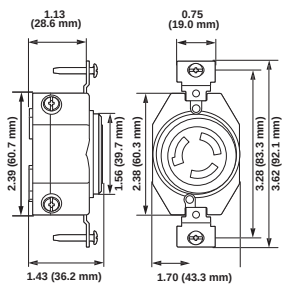
PLUG BOOT		CONNECTOR BOOT	
	6033 (Black) **6033-Y** (Yellow)		**6034** (Black) **6034-Y** (Yellow)



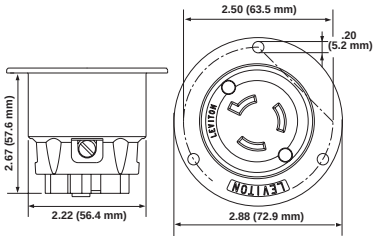
PLUG
20A 120V/208V & 20A 250V



CONNECTOR
20A 120V/208V & 20A 250V



RECEPTACLE
20A 125V/250V



INLETS & OUTLETS
20A 125V/250V

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30A 125/250V; 30A 120/208V 3ØY

Industrial Grade, Non-NEMA

LEVITON

LIFETIME WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White, neutral	#18 – #10 AWG	Ratings & NEMA I.D. permanently marked on device	.385" – .860" 125V/250V Series .595" – 1.150"
ENVIRONMENTAL			
FLAMMABILITY		OPERATING TEMP.	
Rated V-2 per UL 94		-40°C to 60°C	

NOTICE

Effective July 1, 1981, rating for non-grounding versions was changed from 30A-250V AC/DC, 30A-600V AC to comply with UL requirements. Add (-G) for grounding devices: (-G) devices are rated 30A-250V AC/DC, 30A-600V AC and are no longer UL Listed — for replacement use only.

For Corrosion Resistant Locking Devices, see section I.

BLACK & WHITE INDUSTRIAL GRADE PLUGS & CONNECTORS

3331-C

3333-C

3330

3334-C

3335-C

TYPE	PLUG	CONNECTOR	SINGLE FLUSH RECEPTACLE	FLANGED INLET	FLANGED OUTLET	NON-NEMA CONFIGURATIONS
30A 125V/250V, Non-NEMA, 3-P 3-W, Non-Grounding, Non UL Listed - for Replacement Use Only						
Black & White	3331-C	3333-C	–	–	–	NON-NEMA
All Black	–	–	3330	–	–	NON-NEMA
All White	–	–	–	3334-C	3335-C	

THERMOPLASTIC ELASTOMER BOOTS FOR 20 AMP 3-P 3-W DEVICES	
PLUG BOOT	CONNECTOR BOOT
6031 (Black) **6031-Y** (Yellow)	**6032** (Black) **6032-Y** (Yellow)

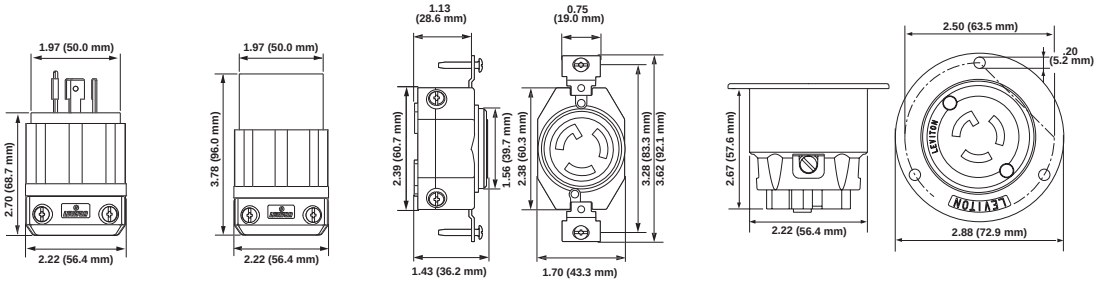
FOR DIMENSIONS SEE PAGE E42

TYPE	PLUG	CONNECTOR	SINGLE FLUSH RECEPTACLE	FLANGED INLET	FLANGED OUTLET	NON-NEMA CONFIGURATIONS
30A 120V/208V 3øY, Non-NEMA, 4-P 4-W, Non-Grounding, Non UL Listed - for Replacement Use Only						
Black & White	3431-C	3433-C	–	–	–	NON-NEMA
All Black	–	–	3430	–	–	NON-NEMA
All White	–	–	–	3434-C*	3435-C*	

* No ground version available

THERMOPLASTIC ELASTOMER BOOTS FOR 20 AMP 4-P 4-W DEVICES	
PLUG BOOT	CONNECTOR BOOT
6033 (Black) **6033-Y** (Yellow)	**6034** (Black) **6034-Y** (Yellow)

FOR DIMENSIONS SEE PAGE E42



PLUG 30A 120V/208V | CONNECTOR 30A 120V/208V | RECEPTACLE 30A 125V/250V | INLETS & OUTLETS

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

50A 250V DC/600V AC

Industrial Grade, Non-NEMA

10 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White,neutral	#10 – #4 AWG	Ratings permanently marked on device	.680" – 1.125"

ENVIRONMENTAL		
FLAMMABILITY	OPERATING TEMP.	
Rated V-2 per UL 94	Plugs & Connectors 125°C Continuous	Receptacles 130°C Continuous

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR81290	#057

3763-C

3762-C

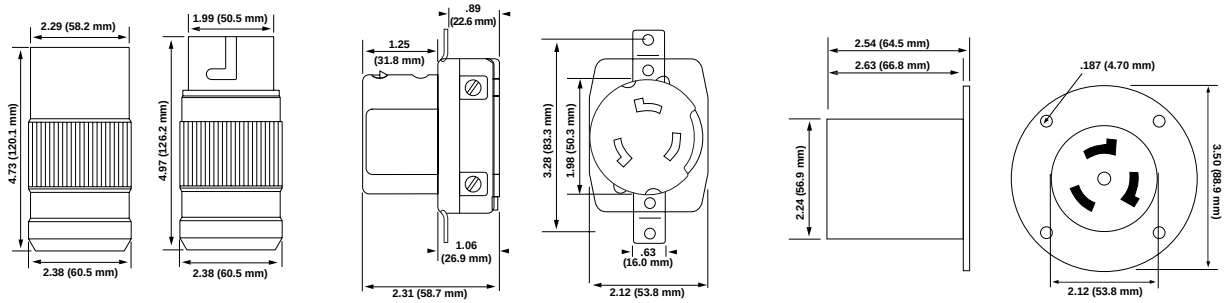
3771

3777

TYPE	PLUG	CONNECTOR	SINGLE LOCKING RECEPTACLE	FLANGED INLET	NON-NEMA CONFIGURATIONS
50A 250V DC/600V AC, Non-NEMA, 2-P 3-W, Grounding					
Black & White	**3763-C**	**3762-C**	–	–	NON-NEMA
All Black	–	–	**3771**	–	NON-NEMA
All White	–	–	–	**3777**	

PLUG BOOT	CONNECTOR BOOT	SEALING LOCKING COLLAR
7717-CR	**7715-CR**	**510-R**

YELLOW LEXAN FLIP LID COVER	GRAY METAL FLIP LID COVER
For Single Locking Receptacle 2.15" Dia. Hole	**For Single Locking Receptacle 2.15" Dia. Hole**
IP64 Rated Includes Gasket and Screws **7788-CR**	IP64 Rated Includes Gasket and Screws **7770**



PLUG CONNECTOR SINGLE LOCKING RECEPTACLE INLETS & OUTLETS

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

50A 250V DC/600V AC

Industrial Grade, Non-NEMA

LEVITON

10 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White,neutral	#10 – #4 AWG	Ratings permanently marked on device	.680" – 1.125"

ENVIRONMENTAL		
FLAMMABILITY	OPERATING TEMP.	
Rated V-2 per UL 94	Plugs & Connectors 125°C Continuous	Receptacles 130°C Continuous

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR81290	#057

3765-C

3764-C

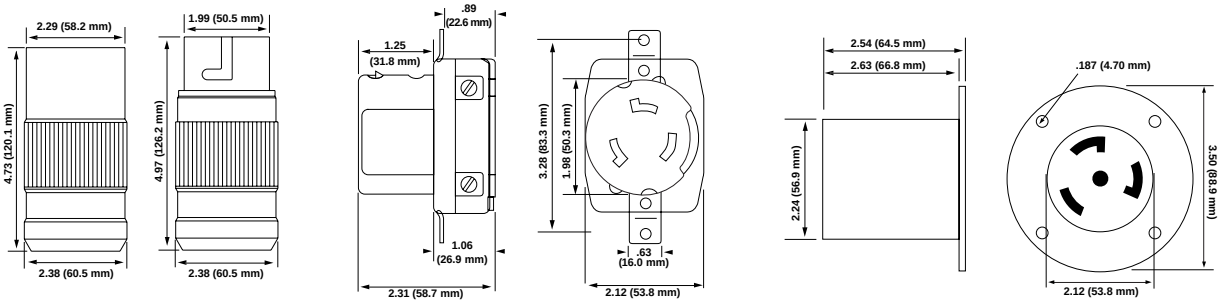
3769

3775

TYPE	PLUG	CONNECTOR	SINGLE LOCKING RECEPTACLE	FLANGED INLET	NON-NEMA CONFIGURATIONS	
50A 250V, DC/600V AC Non-NEMA, 3-P 4-W, Grounding						
Black & White	7765-C	7764-C	–	–	NON-NEMA	NON-NEMA
All Black	–	–	7379	–		
All Black	–	–	–	–		
50A 250V, DC/600V AC Non-NEMA, 3-P 4-W, Grounding						
Black & White	3765-C	3764-C	–	–	NON-NEMA	NON-NEMA
All Black	–	–	3769	–		
All Black	–	–	–	3775		

PLUG BOOT	CONNECTOR BOOT	SEALING LOCKING COLLAR
7717-CR	7715-CR	510-R

YELLOW LEXAN FLIP LID COVER	GRAY METAL FLIP LID COVER
For Single Locking Receptacle 2.15" Dia. Hole	For Single Locking Receptacle 2.15" Dia. Hole
IP64 Rated Includes Gasket and Screws **7788-CR**	IP64 Rated Includes Gasket and Screws **7770**



PLUG CONNECTOR SINGLE LOCKING RECEPTACLE INLETS & OUTLETS

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50A 125V; 50A 250V

Industrial Grade, Non-NEMA

10 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White,neutral	#10 – #4 AWG	Ratings permanently marked on device	.680" – 1.125"

ENVIRONMENTAL		
FLAMMABILITY	OPERATING TEMP.	
Rated V-2 per UL 94	Plugs & Connectors 125°C Continuous	Receptacles 130°C Continuous

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR81290	#057

CS63-61C

CS63-60C

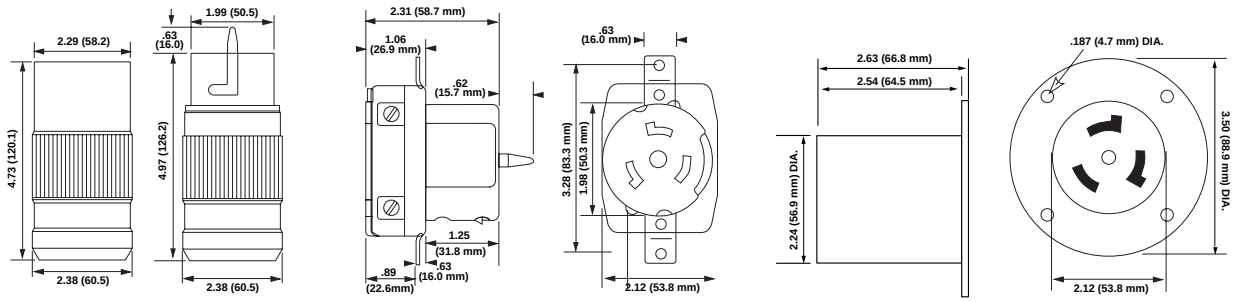
CS63-70

CS63-77

TYPE	PLUG	CONNECTOR	SINGLE LOCKING RECEPTACLE	FLANGED INLET	NON-NEMA CONFIGURATIONS
50A 125V, CS Non-NEMA, 2-P 3-W, Grounding					
Black & White	CS63-61C	CS63-60C	–	–	NON-NEMA
All Black	–	–	CS63-70	–	NON-NEMA
All Black	–	–	–	CS63-77	
50A 250V, CS Non-NEMA, 2-P 3-W, Grounding					
Black & White	CS82-65C	CS82-64C	–	–	NON-NEMA
All Black	–	–	CS82-69	–	NON-NEMA
All Black	–	–	–	CS82-75	

PLUG BOOT	CONNECTOR BOOT	SEALING LOCKING COLLAR
7717-CR	7715-CR	510-R

YELLOW LEXAN FLIP LID COVER	GRAY METAL FLIP LID COVER
For Single Locking Receptacle 2.15" Dia. Hole	For Single Locking Receptacle 2.15" Dia. Hole
IP64 Rated Includes Gasket and Screws **7788-CR**	IP64 Rated Includes Gasket and Screws **7770**



PLUG CONNECTOR SINGLE LOCKING RECEPTACLE INLET

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

50A 125/250V; 50A 250V 3Ø

Industrial Grade, Non-NEMA

LEVITON

10 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White,neutral	#10 – #4 AWG	Ratings permanently marked on device	.680" – 1.125"

ENVIRONMENTAL		
FLAMMABILITY	OPERATING TEMP.	
Rated V-2 per UL 94	Plugs & Connectors 125°C Continuous	Receptacles 130°C Continuous

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
	✔	✔	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR81290	#057

CS63-65C

CS63-64C

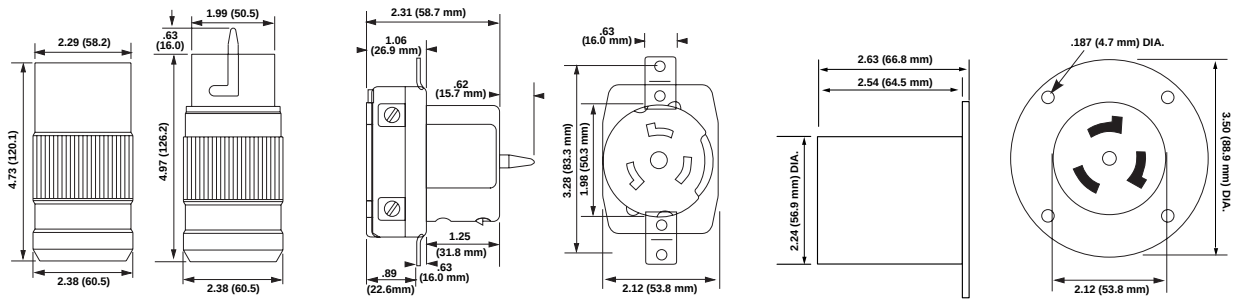
CS63-69

CS63-75

TYPE	PLUG	CONNECTOR	SINGLE LOCKING RECEPTACLE	FLANGED INLET	NON-NEMA	
50A 125/250V, CS Non-NEMA, 3-P 4-W, Grounding						
Black & White	CS63-65C	CS63-64C	–	–	NON-NEMA	NON-NEMA
All Black	–	–	CS63-69	–		
All Black	–	–	–	CS63-75		
50A 250V AC 3Ø, CS Non-NEMA, 3-P 4-W, Grounding						
Black & White	CS83-65C	CS83-64C	–	–	NON-NEMA	NON-NEMA
All Black	–	–	CS83-69	–		
All Black	–	–	–	CS83-75		

PLUG BOOT	CONNECTOR BOOT	SEALING LOCKING COLLAR
7717-CR	7715-CR	510-R

YELLOW LEXAN FLIP LID COVER	GRAY METAL FLIP LID COVER
For Single Locking Receptacle 2.15" Dia. Hole	For Single Locking Receptacle 2.15" Dia. Hole
IP64 Rated Includes Gasket and Screws **7788-CR**	IP64 Rated Includes Gasket and Screws **7770**



PLUG CONNECTOR SINGLE LOCKING RECEPTACLE INLET

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

10 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White,neutral	#10 – #4 AWG	Ratings permanently marked on device	.680" – 1.125"

ENVIRONMENTAL		
FLAMMABILITY	OPERATING TEMP.	
Rated V-2 per UL 94	Plugs & Connectors 125°C Continuous	Receptacles 130°C Continuous

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR81290	#057

CS84-65C

CS84-64C

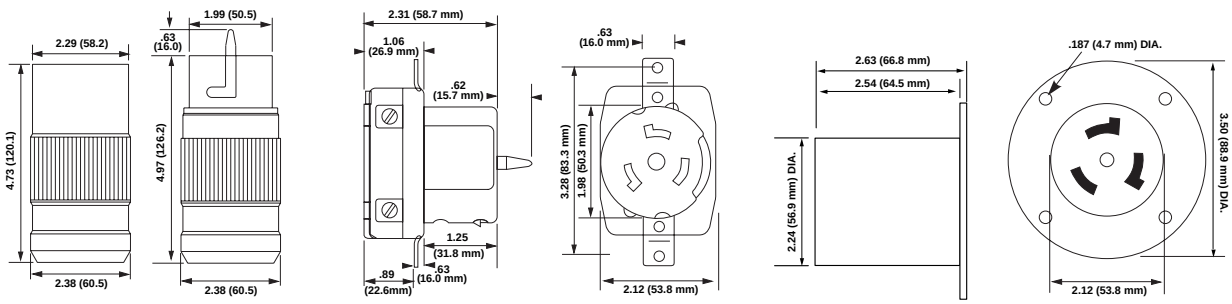
CS84-69

CS84-75

TYPE	PLUG	CONNECTOR	SINGLE LOCKING RECEPTACLE	FLANGED INLET	NON-NEMA
50A 480V, CS Non-NEMA, 2-P 3-W, Grounding					
Black & White	CS84-65C	CS84-64C	–	–	
All Black	–	–	CS84-69	–	
All Black	–	–	–	CS84-75	NON-NEMA NON-NEMA

PLUG BOOT	CONNECTOR BOOT	SEALING LOCKING COLLAR
7717-CR	7715-CR	510-R

YELLOW LEXAN FLIP LID COVER	GRAY METAL FLIP LID COVER
For Single Locking Receptacle 2.15" Dia. Hole	For Single Locking Receptacle 2.15" Dia. Hole
IP64 Rated Includes Gasket and Screws **7788-CR**	IP64 Rated Includes Gasket and Screws **7770**



PLUG CONNECTOR SINGLE LOCKING RECEPTACLE INLET

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

50A 480V 3Ø

Industrial Grade, Non-NEMA

LEVITON

10 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White,neutral	#10 – #4 AWG	Ratings permanently marked on device	.680" – 1.125"

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	Plugs & Connectors 125°C Continuous / Receptacles 130°C Continuous

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR81290	#057

CS81-65C

CS81-64C

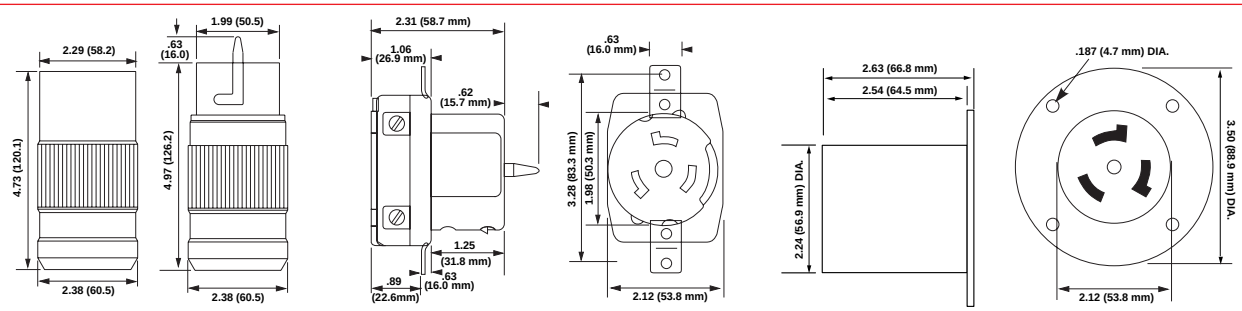
CS81-69

CS81-75

TYPE	PLUG	CONNECTOR	SINGLE LOCKING RECEPTACLE	FLANGED INLET	NON-NEMA	
50A 480V AC 3Ø, CS Non-NEMA, 3-P 4-W, Grounding						
Black White	CS81-65C	CS81-64C	–	–		
All Black	–	–	CS81-69	–		
All Black	–	–	–	CS81-75	NON-NEMA	NON-NEMA

PLUG BOOT	CONNECTOR BOOT	SEALING LOCKING COLLAR
7717-CR	7715-CR	510-R

YELLOW LEXAN FLIP LID COVER	GRAY METAL FLIP LID COVER
For Single Locking Receptacle 2.15" Dia. Hole	For Single Locking Receptacle 2.15" Dia. Hole
IP64 Rated Includes Gasket and Screws **7788-CR**	IP64 Rated Includes Gasket and Screws **7770**



PLUG CONNECTOR SINGLE LOCKING RECEPTACLE INLET

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

All Black NEMA Devices

For Stage & Studio Applications

Bulk Packaging

5262-E

5356-VB

5266-PLB

5266-B

5269-B

15 & 20 Amp NEMA Straight Blade Devices

POLES/ WIRES	AMPS	VOLTS	NEMA	AC HP RATING	RECEPTACLE	PLUG	CONNECTOR
Straight Blade 2-Pole 3-Wire Grounding	15	125V 125V 125V	5-15 5-15 5-15	0.5 0.5 0.5	5262-E 5262-E 5262-E	5266-B 5266-PLB 5256-VB	5269-B 5269-PLB 5259-VB
	20	125V 125V 125V	5-20 5-20 5-20	1 1 1	5362-E 5362-E 5362-E	5366-B 5366-PLB 5356-VB	5369-B 5369-PLB 5359-VB

Dash (-) determines device style: -B = All Black, -PLB = Power Indication, -VB = Python

Bulk Packaging

2310-B

2311-B

2313-B

15, 20 & 30 Amp NEMA Locking Devices

POLES/ WIRES	AMPS	VOLTS	NEMA	AC HP RATING	RECEPTACLE	PLUG	CONNECTOR
Locking 2-Pole 3-Wire Grounding	15	125V 250V 277V AC	L5-15 L6-15 L7-15	0.5 1.5* 2	4710 4560 4760	4720-B 4570-B 4770-B	4729-B 4579-B 4779-B
	20	125V 125V 250V	L5-20 L5-20 L6-20	1 1 2*	2310-B 2310-B 2320-B	2311-B 2311-PLB 2321-B	2313-B 2313-PLB 2323-B
	30	125V 125V 250V	L5-30 L5-30 L6-30	2 2 2*	2610-B 2610-B 2620-B	2611-B 2611-PLB 2621-B	2613-B 2613-PLB C2623-B
Locking 3-Pole 4-Wire Grounding	20	125/250V 3Ø 250V	L14-20 L15-20	2L-L*/1 L-N 3	2410-B 2420-B	2411-B 2421-B	2413-B 2423-B
	30	125/250V 3Ø 250V 3Ø 480V	L14-30 L15-30 L16-30	2L-L*/2 L-N 3 10	2710-B 2720-B 2730-B	2711-B 2721-B 2731-B	2713-B 2723-B 2733-B

Dash (-) determines device style: -B = All Black, -PLB = Power Indication

* Suitable for 208V motor applications at HP rating L-L Denotes phase-to-phase HP rating L-N Denotes phase-to-neutral HP rating

NOTE: Additional standard plug and connector configurations available. Consult factory or ez-Find™ Catalog at www.leviton.com

Wetguard Products
Are Engineered to Meet or Exceed
UL and IEC Watertight Standards

28W47-B

29W47-B

NEMA 15 Amp Straight Blade, 20 & 30 Amp Locking

POLES/ WIRES	AMPS	VOLTS	NEMA	AC HP RATING	PLUG	CONNECTOR
Straight Blade 2-Pole 3-Wire Grounding	15	125V	5-15	0.5	14W47-B	15W47-B
Locking 2-Pole 3-Wire Grounding	20	125V	L5-20	1	26W47-B	27W47-B
Locking 4-Pole 5-Wire Grounding	20	3ØY 120/208V	L21-20	2	26W81-B	27W81-B
Locking 4-Pole 5-Wire Grounding	30	125V	L5-30	2	28W47-B	29W47-B

NOTE: Additional standard Wetguard® plug and connector configurations available. Consult factory or ez-Find™ Catalog at www.leviton.com

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

20A 125V; 30A 600V AC/20A 250V DC

Locking, Non-NEMA

LEVITON

10 YEAR LIMITED WARRANTY

23004-HG

23001-HG

23000-HG

TYPE	LOCKING PLUG	LOCKING CONNECTOR	SINGLE FLUSH RECEPTACLE WITH THERMOSET BODY	NON-NEMA
20A 125V, Non-NEMA, 2-P 3-W, Grounding UL Listed for "HOSPITAL USE ONLY" applications in non-hazardous areas.				
Black & White Nylon **Black Nylon & Valox**	**23004-HG** **–**	**23001-HG** **–**	**–** **23000-HG**	NON-NEMA NON-NEMA

23034-A

23031-A

23030

TYPE	LOCKING PLUG	LOCKING CONNECTOR	SINGLE FLUSH RECEPTACLE	NON-NEMA
20A 125V, Non-NEMA, 3-P 3-W, Grounding*				
Black & White Nylon **Black Nylon & Valox**	**23034-A** **–**	**23031-A** **–**	**–** **23030**	NON-NEMA NON-NEMA

*Also rated at 10A for 250V DC and 480V AC

21415-B

21414-B

20403

TYPE	LOCKING PLUG	LOCKING CONNECTOR	SINGLE FLUSH RECEPTACLE	NON-NEMA
30A 600V AC/20A 250V DC, Non-NEMA, 3-P 4-W, Grounding UL Listed for "HOSPITAL USE ONLY" applications in non-hazardous areas.				
Gray Thermoplastic **Black Thermoplastic**	**21415-B** **–**	**21414-B** **–**	**–** **20403**	NON-NEMA NON-NEMA

25403

25414-B

25415-B

TYPE	LOCKING PLUG	LOCKING CONNECTOR	SINGLE FLUSH RECEPTACLE w/ FIBERGLASS REINFORCED NYLON INTERIOR w/ CAST IRON & STEEL SHELL	NON-NEMA
30A 600V AC / 20A 250V DC, Non-NEMA, 4-P 5-W, Grounding				
Blue Thermoplastic **Blue Cast Iron**	**25415-B** **–**	**25414-B** **–**	**–** **25403**	NON-NEMA NON-NEMA

15A 125V; 15A 125/250V

Industrial Grade

LIFETIME WARRANTY

NEMA ML1 NEMA ML2 NEMA ML3 NEMA 1-15

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White, neutral	#18 - #14 AWG	Ratings & NEMA I.D. permanently marked on device	.218" - .430"

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✓	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR-406	#057

miniLOCK INDUSTRIAL GRADE MIDGET DEVICES

ML1-P

ML1-C

ML1-AP

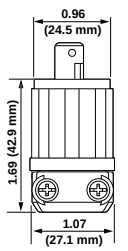
ML1-AC

ML1-PB

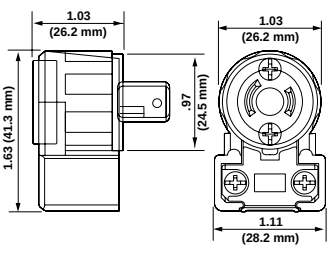
ML1-PER

TYPE	PLUG	CONNECTOR	ANGLE PLUG	ANGLE CONNECTOR	FLANGED INLET	FLANGED OUTLET
15A 125V, 2-P 2-W, Non-Grounding, Locking						
Black & White Nylon	ML1-P	ML1-C	ML1-AP	ML1-AC	–	–
White Nylon	–	–	–	–	ML1-PB	ML1-PER
Metal & White Nylon	–	–	–	–	–	–
15A 125V, 2-P 3-W, Grounding, Locking						
Black & White Nylon	ML2-P	ML2-C	ML2-AP	ML2-AC	–	–
White Nylon	–	–	–	–	ML2-PB	ML2-PER
Metal & White Nylon	–	–	–	–	–	–
15A 125/250V, 3-P 3-W, Non-Grounding, Locking						
Black & White Nylon	ML3-P	ML3-C	ML3-AP	ML3-AC	–	–
White Nylon	–	–	–	–	ML3-PB	ML3-PER
Metal & White Nylon	–	–	–	–	–	–
15A 125V, 2-P 2-W, Non-Grounding, Straight Blade						
Black & White Nylon	MS2-P*	–	MS2-AP*	–	–	–

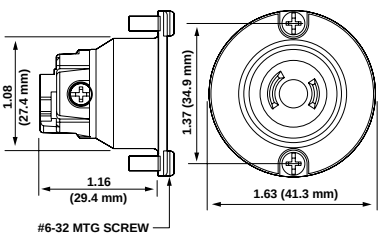
*These devices also appear on Page C5



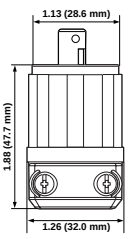
ML1 PLUG



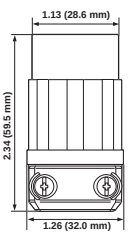
ML1-AP ANGLE PLUG



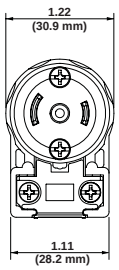
ML1-MB FLANGE OUTLET

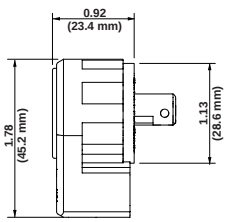


ML2's & ML3's PLUGS

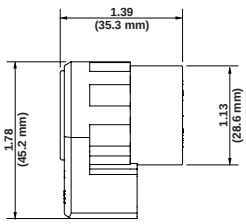


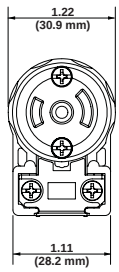
ML2's & ML3's CONNECTORS





ML2's & ML3's ANGLE PLUGS





ML2's & ML3's ANGLE CONNECTORS

15A 125V

LEVITON

Industrial Grade
Back & Side Wired, Self Grounding

NEMA 5-15R NEMA L5-15R

LIFETIME WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

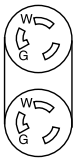
MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White, neutral	#18 - #10 AWG	Ratings & NEMA I.D. permanently marked on device	–

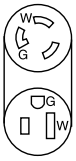
ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

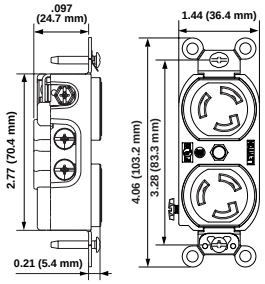
STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✓	✓	#E13399	#E13399	#152105	#057

4702-IIR

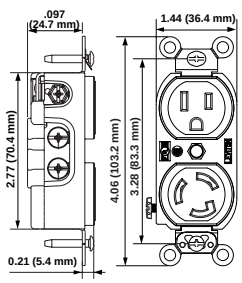
4792

FACE COLOR	COMBINATION LOCKING DUPLEX RECEPTACLE	NEMA CONFIGURATIONS	FEEDS
15A 125V, 2-P 3-W, NEMA L5-15R			
Black	4700		Common Feed
Black	4702-IIR		2 Hot, 1 Neutral Return
Black	4703-IIR		Split Feed 2 Hot, 2 Neutral Returns

FACE COLOR	COMBINATION LOCKING & STRAIGHT BLADE DUPLEX RECEPTACLE	NEMA CONFIGURATIONS	FEEDS
15A 125V, 2-P 3-W, NEMA L5-15R & NEMA 5-15R			
Black	4792		Common Feed
Black	4794-1R		2 Hot, 1 Neutral Return
Black	4795-2R		Split Feed 2 Hot, 2 Neutral Returns



4702 & 4703



4792, 4794,4795

2 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 1500V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White, neutral	#18 - #10 AWG	Ratings & NEMA I.D. permanently marked on device	–

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

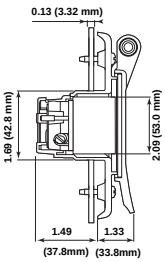
STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No.42	NOM
✓	✓	✓	#E13393 Plugs, Connectors & Flanged Inlets #E13399 Receptacles & Flanged Outlets	#LR-16347	#057

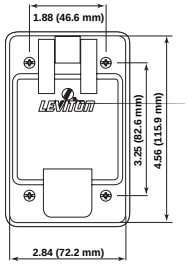
Engineered to IP64 Splashproof & Dust-Tight

Integrated Power Inlets and Outlets with Weather-Resistant Covers

4715-FWP

5278-FWP





TYPE	FLANGED INLET STANDARD WIRE WELLS	NEMA	FLANGED OUTLET STANDARD WIRE WELLS	NEMA	FLANGED INLET SLOTS FOR FORK TERMINALS	NEMA	FLANGED OUTLET SLOTS FOR FORK TERMINALS	NEMA
15A 125V, 2-P 3-W Locking, Grounding								
Gray Glass-Filled Thermoplastic Cover Device White Nylon	4716-CWP	L5-15P	4715-CWP	L5-15R	4716FWP	L5-15P	4715-FWP	L5-15R
15A 250V, 2-P 3-W Locking, Grounding								
Gray Glass-Filled Thermoplastic Cover Device White Nylon	4586-CWP	L6-15P	4585-CWP	L6-15R	–	–	–	–

High Visibility Plug & Connector Cord Clamps

CLAMP COLOR	CATALOG NUMBER
15A Locking	
Blue	Clamp-1BU
Green	Clamp-1GN
Red	Clamp-1R
Yellow	Clamp-1Y
Black	Clamp-1E
20 & 30A, 3-Wire Locking	
Blue	Clamp-2BU
Green	Clamp-2GN
Red	Clamp-2R
Yellow	Clamp-2Y
Black	Clamp-2E
20 & 30A, 4-Wire & 5-Wire Locking	
Blue	Clamp-3BU
Green	Clamp-3GN
Red	Clamp-3R
Yellow	Clamp-3Y
Black	Clamp-3E

Note: Packaged 50 pieces per box. Clamps do not include screws or cord clamp insert.

Glossary

General Terms

Adapter — An accessory used for interconnecting non-mating devices or converting an existing device for modified use.

Ballast — A transformer that steps down AC line voltage to voltage that can be used by fluorescent or other types of lighting. Ballasts may be electromagnetic or electronic

Cord Connector — A portable receptacle designed for attachment to or provided with flexible cord, not intended for fixed mounting.

Flanged Inlet — A plug intended for flush mounting on appliances or equipment to provide a means for power connection via a cord connector.

Flanged Outlet — A receptacle intended for flush mounting on appliances or equipment to provide a means for power connection via an inserted plug.

Fluorescent Starter — A device with a voltage-sensitive switch and a capacitor that provides a high-voltage pulse to start a fluorescent lamp. Rated in watts.

Lampholder — A device with contacts that establishes mechanical and electrical connection to an inserted lamp.

Plug — A device with male contacts intended for insertion into a receptacle to establish electrical connection between the attached flexible cord and the conductors connected to the receptacle.

Receptacle — A device with female contacts designed for fixed installation in a structure or piece of equipment and which is intended to establish electrical connection with an inserted plug.

Switch — A device for making, breaking, or changing the connections in an electric circuit.

Wallplate — A plate designed to enclose an electrical box, with or without a device installed within the box.

Cord Connectors

Angle —A connector that allows the attached flexible cord to exit at right angles.

Corrosion Resistant — A connector constructed of special materials and/or suitably plated metal parts that is designed to withstand corrosive environments. Corrosion resistant devices must pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion.

Dust Proof — A connector designed so that dust will not interfere with its operation. The IP Suitability Rating designates the degree of protection a device offers against the ingress of foreign objects (e.g. IP 20).

Explosion Proof — A connector constructed to meet the requirements of hazardous locations as defined by the National Electrical Code, NFPA-70.

Hospital Grade — A connector designed to meet the performance requirements of high-abuse areas typically found in health care facilities. These connectors are tested to the Hospital Grade requirements of Underwriters Laboratories Inc. Standard 498.

Locking — A connector designed to lock an inserted plug with a matching blade configuration when the plug is rotated in a clockwise direction. The plug can only be removed by first turning it in a counter-clockwise direction.

Midget — A connector designed with a smaller body diameter than standard connectors with a similar rating.

Molded On — A connector that is factory molded to a length of flexible cord.

Pin and Sleeve — A connector with hollow, cylindrical sleeve-type contacts.

Weatherproof — A connector specially constructed so that exposure to weather will not interfere with its operation.

Flanged Inlets

Corrosion Resistant — An inlet constructed of special materials and/or suitably plated metal parts that is designed to withstand corrosive environments. Corrosion resistant devices must pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion.

Flush-Mounted — An inlet intended to be installed flush with the surface of a panel or a piece of equipment.

Locking — An inlet designed to lock an inserted matching connector when the connector is rotated in a clockwise direction. The connector can only be removed by first turning it in a counter-clockwise direction.

Midget — An inlet designed with a smaller body diameter than standard connectors with a similar rating.

Pin and Sleeve — An inlet with round pin-type contacts intended to mate with a connector having hollow cylindrical female contacts.

Surface-Mounted — An inlet designed to be surface mounted on a panel or piece of equipment.

Watertight — An inlet specially constructed so that water will not enter under specified test conditions. The IP Suitability Rating designates the degree of protection a device offers against the ingress of moisture and water (e.g. IP 55, IP 44).

Weatherproof — An inlet specially constructed to protect it from the effects of weather in outdoor locations.

Flanged Outlets

Corrosion Resistant — An outlet constructed of special materials and/or suitably plated metal parts that is designed to withstand corrosive environments. Corrosion resistant devices must pass the ASTM B17-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion.

Flush-Mounted — An outlet intended to be installed flush with the surface of a panel or a piece of equipment.

Locking — An outlet designed to lock an inserted plug with a matching blade configuration when the plug is rotated in a clockwise direction. The plug can only be removed by first turning it in a counter-clockwise direction.

Midget — An outlet designed with a smaller body diameter than standard devices with a similar rating.

Pin and Sleeve — An outlet with hollow cylindrical female contacts intended to mate with a plug having round pin contacts.

Surface-Mounted — An outlet designed to be surface mounted on a panel or piece of equipment,

Watertight — An outlet specially constructed so that water will not enter under specified test conditions. The IP Suitability Rating designates the degree of protection a device offers against the ingress of moisture and water(e.g. IP 55, IP 44).

Weatherproof — An outlet specially constructed so that exposure to weather will not interfere with its operation.

Plugs

Angle — A plug that allows the attached flexible cord to exit at right angles.

Corrosion Resistant — A plug constructed of special materials and/or suitably plated metal parts that is designed to withstand corrosive environments. Corrosion resistant devices must pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion.

Dust Proof — A plug designed so that dust will not interfere with its operation. The IP Suitability Rating designates the degree of protection a device offers against the ingress of foreign objects (e.g. IP 20).

Explosion Proof — A plug constructed to meet the requirements of hazardous locations as defined by the National Electrical Code, NFPA-70.

Hospital Grade — A plug designed to meet the performance requirements of high-abuse areas typically found in health care facilities. These plugs are tested to the Hospital Grade requirements of Underwriters Laboratories Inc. Standard 498.

Locking — A plug designed to lock into a matching connector or receptacle configuration when the plug is rotated in a clockwise direction. The plug can only be removed by turning it in a counter-clockwise direction.

Midget — A plug designed with a smaller body diameter than standard plugs with a similar rating.

Molded On — A plug that is factory molded to a length of flexible cord.

Pin and Sleeve — A plug with round pin contacts.

Weatherproof — A plug specially constructed so that exposure to weather will not interfere with its operation.

Receptacles

AL/CU — 30A, 50A or 60A receptacles designated for use with aluminum or copper circuit conductors, identified by “AL/CU” stamped on the device. Receptacles without this designation must never be used with aluminum circuit conductors.

Duplex — Two receptacles built with a common body and mounting means; accepts two plugs.

Dust Proof — A receptacle designed so that dust will not interfere with its operation. The IP Suitability Rating designates the degree of protection a device offers against the ingress of foreign objects (e.g. IP 20).

Interchangeable — A receptacle or combination of receptacles with a common mounting dimension that may be installed on a single or multiple-opening mounting strap.

Isolated Ground — Receptacles intended for use in an Isolated Grounding system where the ground path is isolated from the facility grounding system. The grounding connection on these receptacles is isolated from the mounting strap.

Locking — A receptacle designed to lock an inserted plug with a matching blade configuration when the plug is rotated in a clockwise direction. The plug can only be removed by first turning it in a counter-clockwise direction.

Split-Circuit — A duplex receptacle that allows each receptacle to be wired to separate circuits. Most duplex receptacles provide break-off tabs that allow them to be converted into split-circuit receptacles.

Horsepower Ratings for Locking Plugs, Connectors, Receptacles and Inlets & Outlets

NEMA	AC HP Rating	Rating
L1-15	0.5	15A-125V
L2-20	2*	20A-250V
L5-15	0.5	15A-125V
L5-20	1	20A-125V
L5-30	2	30A-125V
L6-15	1.5*	15A-250V
L6-20	2*	20A-250V
L6-30	2*	30A-250V
L7-15	2	15A-277V AC Only
L7-20	2	20A-277V AC Only
L7-30	3	30A-277V AC Only
L8-20	3	20A-480V AC Only
L8-30	5	30A-480V AC Only
L9-20	NA	20A-600V AC Only
L9-30	NA	30A-600V AC Only
L10-20	2 L-L*/1 L-N	20A-125/250V
L10-30	2 L-L*/2 L-N	30A-125/250V
L11-15	2	15A-250V 3Ø
L11-20	3	20A-250V 3Ø
L11-30	3	30A-250V 3Ø
L12-20	5	20A-480V 3Ø
L12-30	10	30A-480V 3Ø

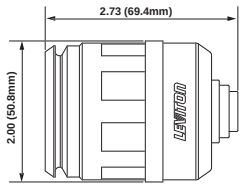
NEMA	AC HP Rating	Rating
L13-30	NA	30A-600V 3Ø
L14-20	2 L-L*/1 L-N	20A-125/250V
L14-30	2 L-L*/2 L-N	30A-125/250V
L15-20	3	20A-250V 3Ø
L15-30	3	30A-250V 3Ø
L16-20	5	20A-480V 3Ø
L16-30	10	30A-480V 3Ø
L17-30	NA	30A-600V 3Ø
L18-20	2	20A-120/208V 3ØY
L18-30	3	30A-120/208V 3ØY
L19-20	5	20A-277/480V 3ØY
L19-30	10	30A-277/480V 3ØY
L20-20	NA	20A-347/600V 3ØY
L20-30	NA	30A-347/600V 3ØY
L21-20	2	20A-120/208V 3ØY
L21-30	3	30A-120/208V 3ØY
L22-20	5	20A-277/480V 3ØY
L22-30	10	30A-277/480V 3ØY
L23-20	NA	20A-347/600V 3ØY

L-L Denotes phase-to-phase HP rating
L-N Denotes phase-to-neutral HP rating
*Suitable for 208V motor applications at HP rating

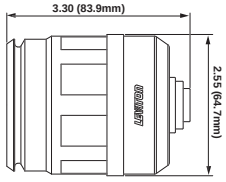
NEMA Configurations for Midget Devices

WIRING / VOLTAGE			15 AMPERE		20 AMPERE		30 AMPERE	
			RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG
2-P 2-W	LOCKING 125V	ML1	E38 ML-1R	E38 ML-1P				
2-P 3-W	LOCKING 125V	ML2	E38 ML-2R	E38 ML-2P				
3-P 3-W	LOCKING 125V/250V	ML3	E38 ML-3R	E38 ML-3P				
2-P 2-W	STRAIGHT BLADE 125V	MS2		C3,E38 1-15P				

Thermoplastic Elastomer Boot Dimensions



6017-L



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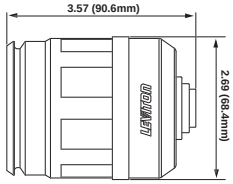

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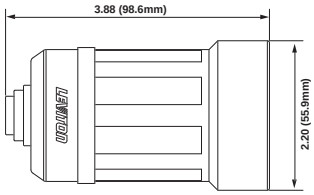
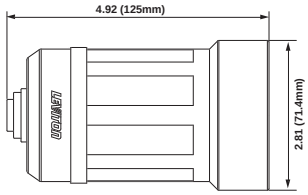


6018-L
Applies to Pages E6-E8, E27



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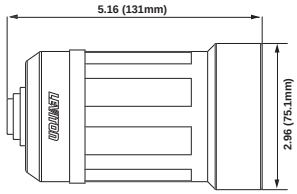


6034
Applies to Pages E14-E17, E22-E26, E29

NEMA Configurations for Locking Type Plugs and Receptacles

WIRING / VOLTAGE			15 AMPERE		20 AMPERE		30 AMPERE	
			RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG
2-POLE 2-WIRE	125V	L1	E38 L1-15R	E38 L1-15P				
	250V	L2			L2-20R	L2-20P		
	277V AC	L3			RESERVED FOR FUTURE CONFIGURATIONS			
	600V	L4			RESERVED FOR FUTURE CONFIGURATIONS			
2-POLE 3-WIRE GROUNDING	125V	L5	E5, E40 L5-15R	E5, E39, E40 L5-15P	E9 L5-20R	E9 L5-20P	E18 L5-30R	E18 L5-30P
	250V	L6	E6, E40 L6-15R	E6, E40 L6-15P	E9 L6-20R	E9 L6-20P	E18 L6-30R	E18 L6-30P
	277V AC	L7	E7 L7-15R	E7 L7-15P	E10 L7-20R	E10 L7-20P	E19 L7-30R	E19 L7-30P
	347V AC	L24			E10 L24-20R	E10 L24-20P		
	480V AC	L8			E11 L8-20R	E11 L8-20P	E19 L8-30R	E19 L8-30P
	600V AC	L9			E11 L9-20R	E11 L9-20P	E20 L9-30R	E20 L9-30P
3-POLE 3-WIRE	125/250V	L10			E12 L10-20R	E12 L10-20P	E20 L10-30R	E20 L10-30P
	3Ø 250V	L11	E8 L11-15R	E8 L11-15P	E10 L11-20R	E10 L11-20P	E21 L11-30R	E21 L11-30P
	3Ø 480V	L12			E13 L12-20R	E13 L12-20P	E21 L12-30R	E21 L12-30P
	3Ø 600V	L13					E21 L13-30R	E21 L13-30P
3-POLE 4-WIRE GROUNDING	125/250V	L14			E13 L14-20R	E13 L14-20P	E22 L14-30R	E22 L14-30P
	3Ø 250V	L15			E14 L15-20R	E14 L15-20P	E22 L15-30R	E22 L15-30P
	3Ø 480V	L16			E14 L16-20R	E14 L16-20P	E23 L16-30R	E23 L16-30P
	3Ø 600V	L17					E23 L17-30R	E23 L17-30P
4-POLE 4-WIRE	3ØY 120/208V	L18			E15 L18-20R	E15 L18-20P	E24 L18-30R	E24 L18-30P
	3ØY 277/480V	L19			E15 L19-20R	E15 L19-20P	E24 L19-30R	E24 L19-30P
	3ØY 347/600V	L20			E16 L20-20R	E16 L20-20P	E25 L20-30R	E25 L20-30P
4-POLE 5-WIRE GROUNDING	3ØY 120/208V	L21			E16 L21-20R	E16 L21-20P	E25 L21-30R	E25 L21-30P
	3ØY 277/480V	L22			E17 L22-20R	E17 L22-20P	E26 L22-30R	E26 L22-30P
	3ØY 347/600V	L23			E17 L23-20R	E17 L23-20P	E26 L23-30R	E26 L23-30P

NON-NEMA configurations, pages E27-E29, E37
50 AMP NON-NEMA, pages E30-E35
All Black NEMA devices, page E36

F SECTION

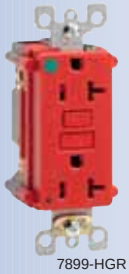
GFCI Personnel Safety Devices

SmartLock*PRO*™ GFCI Devices

LEVITON

SmartLock*PRO*™ GFCI devices comply with 2006 UL requirements

HOSPITAL GRADE



7899-HGR

- Power/Diagnostic Indicator
- 15 & 20Amp Configurations
- Back and Side Wired
- Color Match Test/Reset Buttons (Monochromatic)
- Green LED Indicates Power and Confirms Proper Wiring Status
- Resistant to Surge, Noise, and Corrosion Per 2006 UL Requirements

PAGE F3, Section H

COMMERCIAL GRADE

7599-T

- Power/Diagnostic Indicator
- 15 & 20 Amp Configurations
- Back and Side Wired
- Color Match Test/Reset Buttons (Monochromatic)
- Resistant to Surge, Noise, and Corrosion Per 2006 UL Requirements

PAGE F3

COMMERCIAL GRADE

w/Wire Leads

7599-LW

- Power/Diagnostic Indicator
- 15 & 20 Amp Configurations
- Back and Side Wired
- Color Match Test/Reset Buttons (Monochromatic)
- Resistant to Surge, Noise, and Corrosion Per 2006 UL Requirements
- 6" leads ideal for OEM applications

PAGE F3

BLANK FACE

7590-W

- 20 Amp with Switch Rated Test/Reset Buttons
- Back and Side Wired
- Color Match Test/Reset Buttons (Monochromatic)
- Resistant to Surge, Noise, and Corrosion Per 2006 UL Requirements

PAGE F3

COMBO

7299-A

- 15 Amp Single GFCI Receptacle with Single-Pole Switch
- Switch Rated 15A at 120V AC
- Back and Side Wired
- Color Match Test/Reset Buttons (Monochromatic)
- Resistant to Surge, Noise, and Corrosion Per 2006 UL Requirements

PAGE F3

HIGH CURRENT

8895-80E

Recognized Component

Blank Face

- Contact Rating: 20A 125V
- Control Relay: 80 Amps 240V AC Max.
- Side Wired
- Color Match Test/Reset Buttons (Monochromatic)
- Resistant to Surge, Noise, and Corrosion Per 2006 UL Requirements

PAGE F4

PANEL MOUNTS

36596

Recognized Component

Panel Mount GFCI with 16" Leads

- 20A 125V
- Orange LED Indicator Light
- Weather-Resistant Housing & Test/Reset Buttons
- Resistant to Surge, Noise, and Corrosion Per 2006 UL Requirements

PAGE F4

WORK LIGHT

66591-WL

Fluorescent Work Light with GFCI Protected Receptacle

- 13 Watt Lamp and Receptacle
- Black Body with 20' Yellow Cord 16/3 SJTW
- NEMA 5-15R Receptacle; NEMA 5-15P Plug
- Automatic Reset In-Line GFCI with Power Status Indicator

PAGE F4

ANGLE PLUGS

16593

Recognized Component

Right Angle GFCI Plugs

- 15A 125V; 20A 125V
- Automatic and Manual Reset Types
- Power Status Indicator
- Available in Dark Gray and Yellow
- Consult factory for availability

PAGE F4

CORD SETS

66591-25C

GFCI Cord Sets

- 15A & 20A 125V; 15A & 20A 240V
- Automatic and Manual Reset Types
- Orange Power Status Indicator
- Yellow Cord 14/3 SJT
- Resistant to Surge, Noise, & Corrosion Per 2006 UL Requirements

PAGES F6 & F7

POWER CENTER

PB101-SGF

"THE BOX"™

- 6 GFCI Protected 20A 125V Straight Blade or Locking Receptacles
- GFCI Protected 30A 250V Locking Receptacle
- 50A 125/250V Non-NEMA Power Connections
- Meets OSHA Regulation 20, Subpart K Standards
- UL Listed for Outdoor Use

PAGE F8

NEW UL943 GFCI SAFETY STANDARDS

Effective July 28, 2006

See Page F10 for Full Details

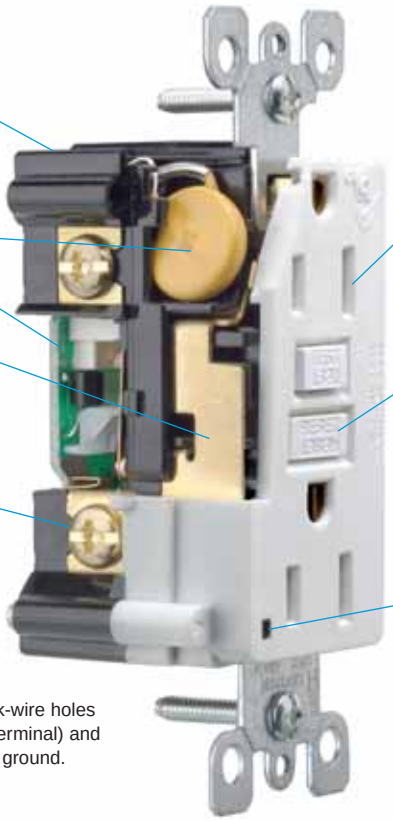
UL Standard 943 Class A (GFCI) & 498 (Receptacles)
CSA Certified (File #057)
Meets July 28, 2006 UL Requirements

Thick-walled, impact-resistant thermoplastic nylon cover and body withstands abuse

"Surge hardened" electronics offer superior resistance to surges and overvoltages.

Silver alloy contacts for reliable make/break switching.

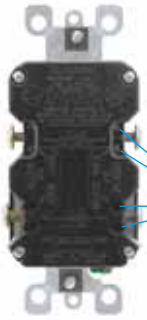
Triple combination terminal screws.



Heavy duty double wipe for 15 Amp contacts and triple wipe for 20 Amp contacts

Patented lockout feature prevents "RESET" if GFCI is not functioning properly or miswired due to reversal of line and load leads.

LED power indicator light helps diagnose improper wiring and, when illuminated, offers visual confirmation that power is available.



Eight back-wire holes (two per terminal) and back-wire ground.

Provisions for back- or side-wiring.

7599-W

Leviton SmartLock*PRO*™ icon ensures improved GFCI product design.

Lockout action blocks the "RESET" button if GFCI protection has been compromised.

Dual function LED offers indication of line/load reversal & power availability.

COMPONENT	DESCRIPTION
Face	Nylon
Back	Polycarbonate
Line Contacts	Brass
Terminal Screws	Brass #8-32
Grounding Screw	Brass #8-32
Yoke	Zinc Steel
Clamp Nuts	Steel
Internal Contacts	Silver Alloy

STANDARDS & CERTIFICATIONS					
NEMA WD1&WD6	ANSI C-73	UL Listed	UL 943 Class A & 498	CSA	NOM
✓	✓	#E48380	✓	#LR-57811	#057

Leviton SmartLock*PRO*™ and The New 2006 UL943 GFCI Safety Standards

Line-Load Reversal Indication

New UL 2006 Standard:

- If a miswiring (line-load reversal) occurs during installation, the GFCI must not be capable of supplying power to either the GFCI's face or to feed-through terminals.

"End-of-Life" Indication

New UL 2006 Standard:

- GFCIs are required to provide a visual and/or audible indication OR be able to render themselves incapable of delivering power when they no longer offer ground fault protection based on a failure to pass their internal test.

For additional details on these new requirements, see page F10.

15A 125V & 20A 125V

LEVITON

Hospital & Commercial Grade, GFCI's

2 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 1500V per UL 498	2kA	80ºC max at full rated current after 50 cycles overload at 150% rated current for both AC and DC appl. per UL 498
TRIP LEVEL		
5±1 mA		

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMMODATION	PRODUCT I.D.
Brass, hot Grounding Silver, neutral	#14 - #12 AWG solid or stranded copper wire	Ratings permanently marked on device
ENVIRONMENTAL		
FLAMMABILITY	OPERATING TEMP.	
Rated V-2 per UL 94	-35ºC to 65ºC	

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 943 Class A & 498	UL Fed Spec Listed WC-596	CSA C22.2	NOM
✓	✓	✓	—	#LR-57811	#057
MISC. MOTOR CONTROL RATING					
15A-1875W 20A-2500W					

Back & Side Wired

7899-HGR

7599-I

7599-LI

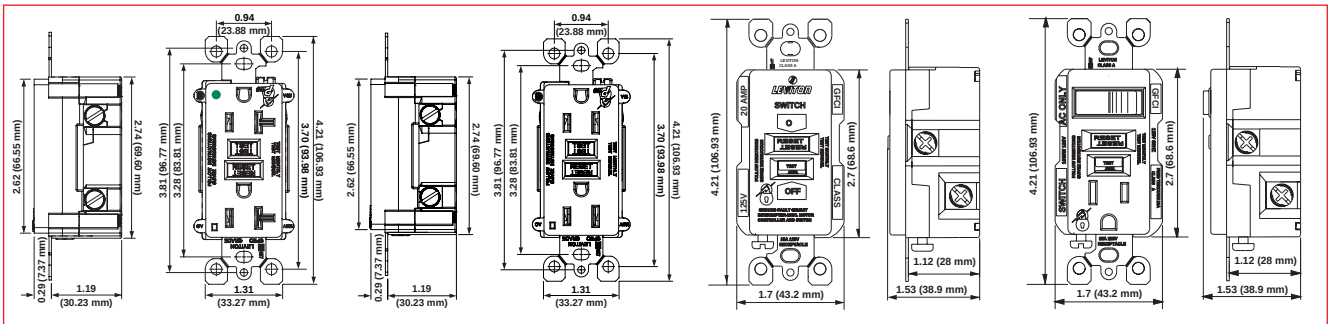
7590-W

FACE COLOR	GFCI HOSPITAL GRADE SMARTLOCK*PRO*™ DUPLEX w/ LED Meets 2006 UL Requirements	GFCI COMMERCIAL GRADE SMARTLOCK*PRO*™ DUPLEX w/ LED Meets 2006 UL Requirements	GFCI COMMERCIAL GRADE SMARTLOCK*PRO*™ DUPLEX w/ LED w/ 6" Leads. Meets 2006 UL Requirements	GFCI COMMERCIAL GRADE BLANK FACE S-P SWITCH 1.5HP@120V AC Meets 2006 UL Requirements
15A 125V, NEMA 5-15R; 20A 125V Feed-Through				
Brown	7599-HG	7599	—	—
Ivory	7599-HGI	7599-I	7599-LI	7590-I
White	7599-HGW	7599-W	7599-LW	7590-W
Gray	7599-HGG	7599-G	—	—
Red	7599-HGR	7599-R	—	—
Black	—	7599-E	—	7590-E
Almond	7599-HGA	7599-A	—	7590-A
Lt. Almond	7599-HGT	7599-T	—	7590-T
20A 125V, NEMA 5-20R at Receptacle & Feed-Through				
Brown	7899-HG	7899	—	—
Ivory	7899-HGI	7899-I	7899-LI	—
White	7899-HGW	7899-W	7899-LW	—
Gray	7899-HGG	7899-G	—	—
Red	7899-HGR	—	—	—
Black	7899-HGE	7899-E	—	—
Almond	7899-HGA	7899-A	—	—
Lt. Almond	7899-HGT	7899-T	—	—

7299-A

FACE COLOR	GFCI COMBO DEVICE RECEPTACLE & SINGLE-POLE SWITCH Meets 2006 UL Requirements
15A 125V, NEMA 5-15R; 20A 125V Feed-Through	
Ivory	7299-I
White	7299-W
Almond	7299-A

COLOR	SHALLOW WALLBOX EXTENDER FOR GFCI's
Brown	6197
Ivory	6197-I
White	6179-W



7899-HG SERIES | 7599 SERIES | 7590 SERIES | 7299 SERIES

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

15A 125V & 20A 125V

Commercial Grade, GFCI's

2 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 1500V per UL 498	2kA	30ºC max at full rated current after 50 cycles overload at 150% rated current for both AC and DC per UL 498
TRIP LEVEL		
5±1 mA		

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMMODATION	PRODUCT I.D.
Brass, hot Grounding Silver, neutral	#18- #12 AWG	Ratings permanently marked on device
ENVIRONMENTAL		
FLAMMABILITY	OPERATING TEMP.	
Rated V-2 per UL 94	-35ºC to 66ºC	

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 943 Class A & 498	UL Fed Spec Listed WC-596	CSA C22.2	NOM
✓	✓	✓	—	#LR-57811	#057
MISC. MOTOR CONTROL RATING					
15A-1875W 20A-2500W					

16593

16893

Wiring Termination Area

16594

Refer to footnote under Right Angle GFCI Plugs Table

86593

Right Angle GFCI Plugs

Recognized Component*

PLUG COLOR	ANGLE PLUG		ANGLE PLUG	
	AUTOMATIC RESET	MANUAL RESET	AUTOMATIC RESET	MANUAL RESET
	15A 125V, NEMA 5-15P		20A 125V, NEMA 5-20P	
Black	16593	–	16893	–
Yellow	–	16594	–	16894

*Catalog numbers 6593, 6893, 6594 and 6894 series are available – consult factory. For additional information, see catalog L-100, page H5.

Right Angle Plugs Accessory

COLOR	WATERPROOF COVER WITH GROUND PIN UP ORIENTATION
Clear	86593

Recognized Component

Rated 20A-125 VAC

PANEL MOUNT FOR TEMPORARY POWER DISTRIBUTION BOXES
36597
PANEL MOUNT GFCI FOR PHASE-CONTROL THEATER DIMMING SYSTEMS
36895

Front View

Side View

Recognized Component

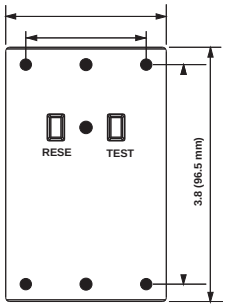
High Current GFCI

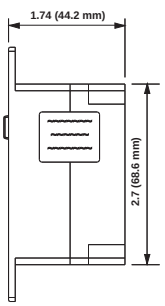
Contact Rating: 20A 125V AC
Load Capability with 125V Control Relay 80@240V AC Max.

TOGGLE COLOR	BLANK FACE RESET BUTTONS
Ivory	8895-80I
White	8895-80W
Black	8895-80E

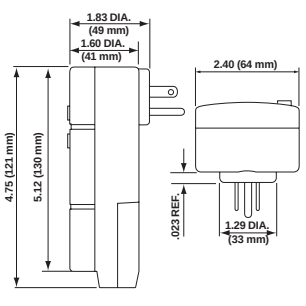
GFCI-Protected Fluorescent Work Light w/Receptacle
15A 125V, 2-P 3-W Grounding

LENGTH	GFCI CORD SET, YELLOW CORD, 16/3 SJTW BLACK BODY, ON/OFF POWER SWITCH, 13 WATT LAMP	NEMA PLUG	NEMA CONNECTOR
20'	66591-WL	5-15P	5-15R

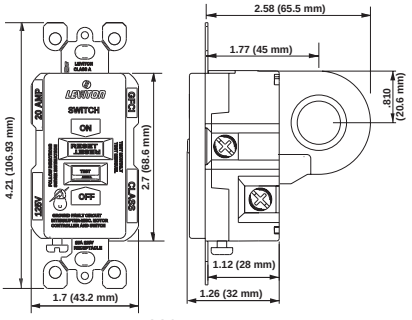




36596, 36597, 36895



RIGHT ANGLE GFCI PLUGS



8895

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

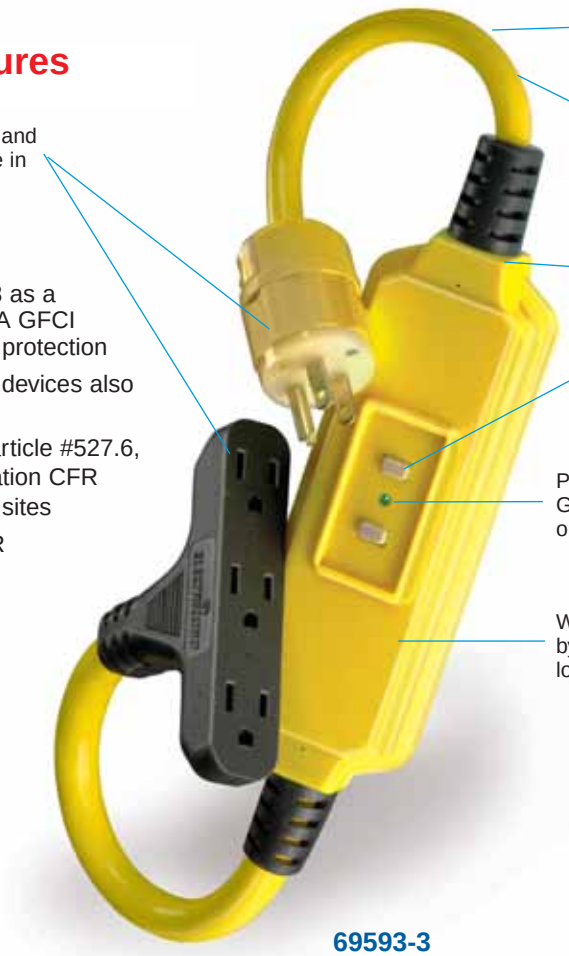
GFCI Cord Set Features

GFCI Cord Set Features

Equipped with Industrial Grade plugs and connectors to provide long service life in heavy-duty applications

Agency Standards

- Complies with UL Standard 943 as a Recognized Component Class A GFCI power supply with open neutral protection
- UL Listed (File #E-48380), 15A devices also CSA Certified (File #LR-5781)
- Fully complies with NEC code article #527.6, 6(A) and 6(B) and OSHA regulation CFR 1926-404b(i)(ii) for construction sites
- In-line GFCI units are NEMA 3R



Water-resistant SJTW-A cable (14/3 for 15A, 12/3 for 20A)

Available in 2-ft., 6-ft. and 25-ft. lengths, except where indicated

RTV injected at cord entrance and exit of the housing

Choice of Automatic or Manual reset models

Power indicator light goes OFF if GFCI trips, power is interrupted or line cord is unplugged

Water-resistant enclosure sealed by ultrasonic welding to ensure long service life

69593-3

Custom lengths and configurations available as special order

Cat. No. 66591-WL
Provides lighting and GFCI protection in out-of-the-way locations

Manual Reset GFCI Cord Sets with Wetguard® plugs and connectors provide outstanding corrosion-resistance where water is present

GFCI Protection: An OSHA Requirement on the Job Site

OSHA definitely means business, with fines for willful violations reaching as high as $70,000! The second most common OSHA electrical violation at construction sites involves non-compliance with either the Assured Equipment Grounding Program or Ground Fault Protection. Whichever program you choose, portable GFCI Cord Sets or an approved grounding conductor program, make sure it is used 100% of the time. Ignoring OSHA requirements can cost money as well as business. Compliance with OSHA and NEC standards is absolutely mandatory, and use of Leviton GFCI Cord Sets is a reliable, economical way to accomplish that.

GFCI Cord Sets Must Have Open-Neutral Protection

Open-Neutral Protection immediately trips the GFCI if the neutral conductor on the line side is opened. This eliminates the possibility of the GFCI Cord Set having a live hot leg, even though it may appear as though power is off due to the open neutral. A normal GFCI receptacle would not be able to trip under these conditions.

Automatic vs. Manual Reset Cord Sets

Automatic Reset GFCI Cord Sets (black body) automatically reset ON when power is restored. Manual Reset units (yellow body) will not automatically reset after power interruption; the reset button must be pushed in.

Automatic Reset GFCI Cord Sets and Extension Cords – Black Body

- Automatically resets to ON when plugged in or after power interruption
- Available in 2-ft, 6-ft and 25-ft lengths except where indicated

15A 125V&250V;20A 125V&250V

Automatic Reset GFCI Cord Sets & Power Supply Cords

2 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 1500V per UL 498	2kA	30ºC max at full rated current after 50 cycles overload at 150% rated current for both AC and DC per UL 498
TRIP LEVEL		
5±1 mA		

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMMODATION	PRODUCT I.D.
Brass, hot Grounding Silver, neutral	Not Applicable	Ratings permanently marked on device
ENVIRONMENTAL		
FLAMMABILITY	OPERATING TEMP.	
Rated V-2 per UL 94	-35ºC to 66ºC	

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 943 Class A & 498	UL Fed Spec Listed WC-596	CSA C22.2	NOM
✓	✓	✓	—	#LR-57811	#057
MISC. MOTOR CONTROL RATING					
15A-1875W 20A-2500W					

Automatic reset GFCI cord sets (black body) automatically reset ON when power is restored.

66891-3

66593-3

66591-25C

FACTORY-ASSEMBLED CORD SETS — Consult Techline for changes in length and/or configurations.			
LENGTH	GFCI CORD SET AUTOMATIC RESET (15 AMP) 14/3 SJTW (20 AMP) 12/3 SJTW YELLOW CORD, BLACK BODY BLACK PLUG & CONNECTOR	NEMA PLUG	NEMA CONNECTOR
15A 125V, Cord Sets			
2' 6' 25'	66591-2C 66591-6C 66591-25C	5-15P	5-15R
15A 125V, Cord Set Triple Outlet			
3'	66593-3	5-15P	5-15R
15A 125V, Locking Cord Set			
3'	66597-3	L5-15P	L5-15R
15A 125V, Power Supply Cord			
37'	26591-37C	5-15P	–
15A 240V, Power Supply Cord			
35'	26592-E	6-15P	–
20A 125V, Cord Sets			
3'	66891-3	5-20P	5-20R
20A 125V, Locking Cord Set			
3'	66897-3	L5-20P	L5-20R
20A 125V, Power Supply Cord			
37'	36591-37C	5-20P	–
20A 240V, Power Supply Cord			
35'	36592-E	6-20P	–

15A 125V; 20A 125V

Manual Reset GFCI Cord Sets

LEVITON

1 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 1500V per UL 498	2kA	30ºC max at full rated current after 50 cycles overload at 150% rated current for both AC and DC per UL 498
TRIP LEVEL		
5±1 mA		

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMMODATION	PRODUCT I.D.
Brass, hot Grounding Silver, neutral	Not Applicable	Ratings permanently marked on device
ENVIRONMENTAL		
FLAMMABILITY	OPERATING TEMP.	
Rated V-2 per UL 94	-35ºC to 66ºC	

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 943 Class A & 498	UL Fed Spec Listed WC-596	CSA C22.2	NOM
✓	✓	✓	—	#LR-57811	#057
MISC. MOTOR CONTROL RATING					
15A-1875W 20A-2500W					

Manual reset units (yellow body) will not automatically reset after power interruption; the reset button must be pushed in.

69591-W3

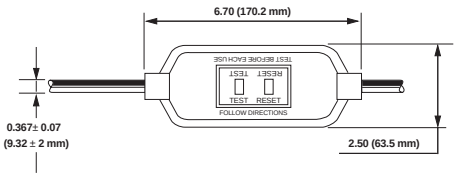
69891-3

FACTORY-ASSEMBLED CORD SETS - Consult Techline for changes in length and/or configurations.

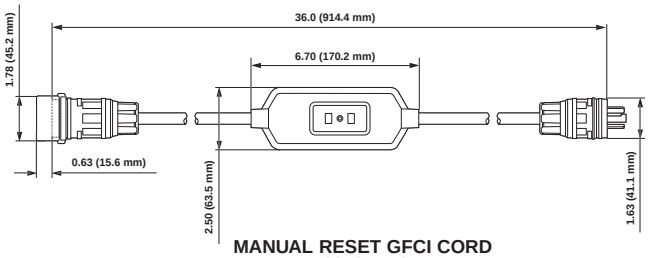
LENGTH	GFCI CORD SET MANUAL RESET (15 AMP) 14/3 SJTW (20 AMP) 12/3 SJTW YELLOW CORD, YELLOW BODY YELLOW PLUG & CONNECTOR	NEMA PLUG	NEMA CONNECTOR
15A 125V, Cord Sets			
3' 25'	69591-3 69591-25	5-15P	5-15R
15A 125V, Cord Set Triple Outlet			
3'	69593-3	5-15P	5-15R
15A 125V, w/ Wetguard Plug & Connector Cord Set			
3' 25'	69591-W3 69591-W25	5-15P	5-15R
20A 125V, w/ Wetguard Plug & Connector Cord Set			
3'	69891-W3	5-20P	5-20R

69593-3

69591-W3



15A AUTO GFCI CORD
66591-2C — on page F6



MANUAL RESET GFCI CORD
69591-W3

1 YEAR LIMITED WARRANTY

Power Center "THE BOX" & Power Cords

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 1500V per UL 498	2kA	30ºC max at full rated current after 50 cycles overload at 150% rated current for both AC and DC per UL 498
TRIP LEVEL		
5±1 mA		

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMMODATION	PRODUCT I.D.
Brass, hot Grounding White,neutral	Not Applicable	Ratings & NEMA I.D. permanently marked on device
ENVIRONMENTAL		
FLAMMABILITY	OPERATING TEMP.	
Rated V-2 per UL 94	-35ºC to 66ºC	

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 943 Class A & 498	UL Fed Spec Listed WC-596	CSA C22.2	NOM
✔	✔	✔	—	#LR-57811	#057
OSHA					
"The Box" Meets Regulation 20, Part 1926, Subpart K Standards					

Power Distribution Box

Available with or without GFCI Protection on 30A Receptacles Consult Factory for Other Configurations

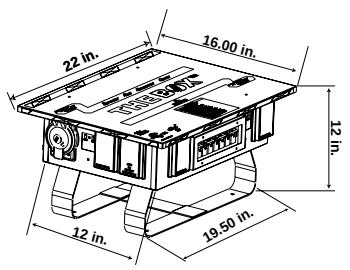
Catalogue No.	Power Inlet Non-NEMA 50A, 125/250V	Power Outlet Non-NEMA 50A, 125/250V	6 NEMA Locking Receptacles 20A, 125V, L5-20R	6 NEMA Straight Blade Receptacles 20A, 125V, 5-20R	1 NEMA Locking Receptacle 30A, 250V, L6-30R
PB101-SGF	No GFCI ✔ Protection	No GFCI ✔ Protection	GFCI ✔ Protection		GFCI ✔ Protection
PB101-000	No GFCI ✔ Protection	No GFCI ✔ Protection	GFCI ✔ Protection		No GFCI ✔ Protection
PB103-SGF	No GFCI ✔ Protection	No GFCI ✔ Protection		GFCI ✔ Protection	GFCI ✔ Protection
PB103-000	No GFCI ✔ Protection	No GFCI ✔ Protection		GFCI ✔ Protection	No GFCI ✔ Protection

Power Cords

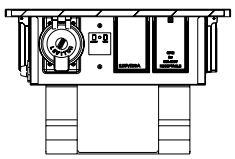
Features Flexible, Abrasion-Resistant Construction Offering Reliable Performance to -31ºF

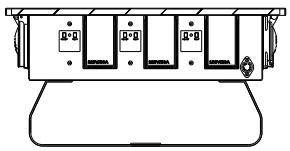
FACTORY-ASSEMBLED CORD SETS			
LENGTH	BLACK FLEXIBLE CORD w/ (3) #6 AWG and (1) #8 AWG CONDUCTORS	YELLOW & WHITE WEATHER-RESISTANT PLUG NON-NEMA	YELLOW & WHITE WEATHER-RESISTANT CONNECTOR NON-NEMA
50A 125/250V, NON-NEMA			
50' 100'	KRS-A9519 KUS-A9519	NON-NEMA†	NON-NEMA†

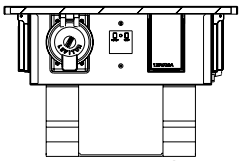
†Consult Factory for Other Configurations.

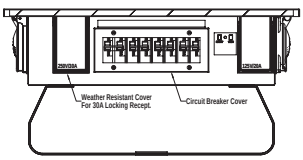


TOP VIEW


END VIEW 1


SIDE VIEW 1


END VIEW 2



SIDE VIEW 2

GFCI Accessories

LEVITON

1 YEAR LIMITED WARRANTY

5977-CL

5977-GY

4992

4998-GY

5997-GY

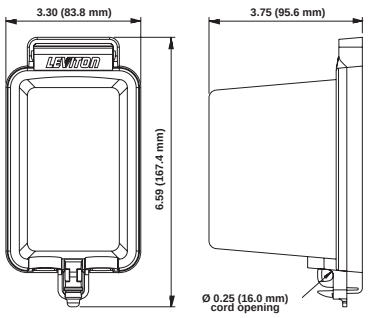
5997-CL

Single-Gang Flush Cover Wallplates

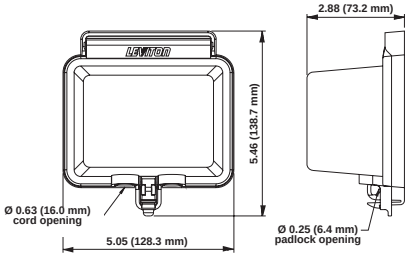
TYPE	MOUNTING POSITION	SINGLE-GANG FLUSH COVER	FITS TYPE OF BOX
Gray Die-Cast Zinc	Vertical	6196-V	Standard
Gray Die-Cast Zinc	Horizontal	6196	Standard
Gray Die-Cast Zinc	Vertical	6196-VFS	FS (4 Screws)
Gray Die-Cast Zinc	Horizontal	6196-FS	FS (4 Screws)
Gray Die-Cast Zinc	Horizontal	4990	Standard
Gray Die-Cast Zinc	Vertical	4992	Standard
Gray Plastic	Horizontal	4996-GY	Standard
White Plastic	Horizontal	4996-W	Standard
Gray Plastic	Vertical	4998-GY	Standard
White Plastic	Vertical	4998-W	Standard

Raintight While-In-Use Covers

TYPE	MOUNTING POSITION	SINGLE-GANG FLUSH COVER	FITS TYPE OF BOX
Gray Plastic	Vertical	5977-GY	Surface-Mounted Outdoor-Type Boxes or Flush-Mounted Wall Boxes
Gray Plastic	Vertical Mount w/ Extra Deep Cover	5977-DGY	
Clear Plastic	Vertical	5977-CL	
Clear Plastic	Vertical Mount w/ Extra Deep Cover	5977-DCL	
Gray Plastic	Horizontal	5997-GY	
Gray Plastic	Horizontal Mount w/ Extra Deep Cover	5997-DGY	
Clear Plastic	Horizontal	5997-CL	
Clear Plastic	Horizontal Mount w/ Extra Deep Cover	5997-DCL	



5977



5997

SmartLock*PRO* and The New 2006 UL943 GFCI Safety Standards

Underwriter's Laboratories (UL) has issued new requirements on GFCI functionality effective July 28, 2006:

Line-Load Reversal Indication

If an old style GFCI is miswired with a line-load reversal, it is a potentially hazardous situation because the GFCI receptacle face will be live and unprotected even after the GFCI is tripped.

2003 UL Standard:

- There must be a diagnostic indicator if a miswiring (line-load reversal) occurs during installation. However, the GFCI receptacle's face may still be live and unprotected.

New UL 2006 Standard:

- If a miswiring (line-load reversal) occurs during installation, the GFCI must not be capable of supplying power to either the GFCI's face or to feed-through terminals.

The SmartLockPRO Solution:

- SmartLock*PRO* provides a true dead-face design with an LED indicator for line-load reversals.

"End-of-Life" Indication

GFCIs reach the end of their service life when they no longer provide ground fault protection. As with any electronic device, a GFCI can be damaged by surges, other electrical disturbances, or environmental and physical abuse.

2003 UL Standard:

- There are no requirements related to "end of life"

New UL 2006 Standard:

- GFCIs are required to provide a visual and/or audible indication OR be able to render themselves incapable of delivering power when they no longer offer ground fault protection based on a failure to pass their internal test.

The SmartLockPRO Solution:

- Though a standard GFCI CAN be reset even if it is not providing protection…the SmartLock*PRO*'s reset button will not engage if protection has been compromised. With SmartLock*PRO*'s unique patented professional grade end-of-life lock-out action you can avoid having a live, unprotected receptacle in the event that the GFCI can no longer provide protection. The robust design of SmartLock*PRO* GFCIs also greatly reduces the frequency of GFCI failures, contributing to a longer GFCI service life.

The Choice for 2006 UL End-of-Life Indication: Protection or No Protection?

Other GFCI manufacturers have taken the alternate route in the 2006 UL Standard by providing an indicator light for end-of-life indication. They allow the compromised GFCI to be reset, thereby permitting it to continue delivering unprotected power to the GFCI face and downstream receptacles. We disagree with this approach.

GFCIs are first and foremost proven safety devices. The National Electrical Code requires GFCIs to be installed in bathrooms, kitchens, workshops and other locations where water is present and there's a risk of ground fault shock hazard. Leviton believes that a GFCI should be replaced immediately if it no longer provides ground fault protection. There is absolutely no people protection when a compromised GFCI functions as a "live" standard receptacle.

That's why Leviton's SmartLock*PRO* GFCI performs a self-test every time it is reset. If it is not capable of responding to a ground fault, the reset is blocked. Leviton's SmartLock *PRO* approach locks out a compromised GFCI, thereby providing the safest and smartest solution to people protection.

General Testing Procedures

Non-Lockout Style GFCI	SmartLock*PRO* GFCI
Plug a lamp or radio into the GFCI receptacle.	Plug a lamp or radio into the GFCI receptacle.
Turn ON lamp or radio.	Turn ON lamp or radio.
Push the TEST button on the GFCI. If the GFCI is working properly, it will trip and power to the lamp or radio will be cut off. Push reset button to restore power.	Push the TEST button on the SmartLock*PRO* GFCI. The GFCI will trip and power to the lamp or radio will be cut off.
Your GFCI is working properly and should be retested every month.	
If power did not go off: If power did not go off when you pushed the TEST button, then the GFCI is not providing protection and should be replaced immediately. Standard GFCIs can still be reset and provide power even though they are not providing protection. **That's why we developed SmartLock*PRO*…**	Your GFCI is working properly if you can push the RESET button on the SmartLock*PRO* GFCI to restore power to the lamp or radio. **IMPORTANT:** The RESET button **will** not restore power if the GFCI is damaged and cannot respond to a ground fault.

Our Complete Line of Industrial Products

Just a click away:

www.leviton.com/industrial

G

SECTION

Decora Plus™ Switches & Receptacles

15 & 20A 120/277V AC

Commercial Grade, Back & Side Wired

LEVITON

10 YEAR LIMITED WARRANTY

ELECTRICAL			
DIELECTRIC VOLTAGE	OVERLOAD UL 20 TEST	TEMP. RISE	ENDURANCE
Withstands 1500V for 1min	100 cycles of overload at 4.8 times rated current	30°C max at full rated current	UL 20/Fed Spec 50,000 cycles min., tungsten filament lamp load (Fed. Spec.) WS896E, SP, DP, 3-way, 4-way, Pilot Light, Illum., Key Lock

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 65°C

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	TORQUE RANGE
Brass-Hot, Black-Hot, White-Neutral, Green-Grounding	#14-#10 AWG back wired #14-#12 AWG side wired	Ratings are permanently stamped on device strap	12-14 inch pounds

STANDARDS & CERTIFICATION					
NEMA WD-1 & WD-6	ANSI C-73	UL 20	UL Fed Spec WS896E	CSA C22.2 No. 111	NOM
✓	✓	#E7458	#E7458	#152105	#057

DECORA PLUS

5621-2E

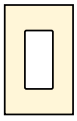
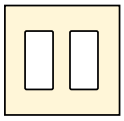
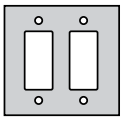
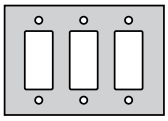
5691-2A

5621-2GY

5621-2W

AC HORSEPOWER RATINGS	
15 AMP	20 AMP
1/2@120V	1@120
2@240V	2@240
12 AMP MAX	16 AMP MAX

TOGGLE COLOR	SINGLE POLE	DOUBLE POLE	3-WAY	4-WAY
15 AMP				
Brown	5691-2	–	5693-2	–
Ivory	5691-2I	–	5693-2I	–
White	5691-2W	–	5693-2W	–
Gray	5691-2GY	–	5693-2GY	–
Ebony	5691-2E	–	5693-2E	–
Almond	5691-2A	–	5693-2A	–
Light Almond	5691-2T	–	5693-2T	–
20 AMP				
Brown	5621-2	5622-2	5623-2	5624-2
Ivory	5621-2I	5622-2I	5623-2I	5624-2I
White	5621-2W	5622-2W	5623-2W	5624-2W
Gray	5621-2GY	5622-2GY	5623-2GY	5624-2GY
Red	5621-2R	–	5623-2R	–
Ebony	5621-2E	5622-2E	5623-2E	–
Almond	5621-2A	5622-2A	5623-2A	5624-2A
Light Almond	5621-2T	5622-2T	5623-2T	5624-2T

SCREWLESS SNAP-ON WALLPLATES		NYLON WALLPLATES		302 STAINLESS STEEL WALLPLATES	
					
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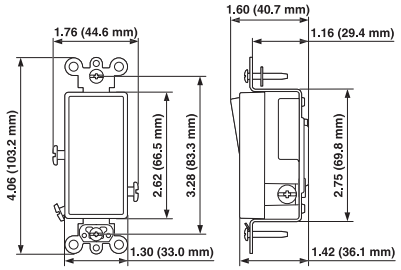
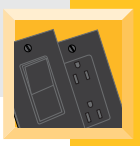
FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



APPLIES TO ALL SWITCHES ON THIS PAGE

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

15A 120/277V AC



Commercial Grade, Back & Side Wired

10 YEAR LIMITED WARRANTY

ELECTRICAL			
DIELECTRIC VOLTAGE	OVERLOAD UL 20 TEST	TEMP. RISE	ENDURANCE
Withstands 1500V for 1min	100 cycles of overload at 4.8 times rated current	30°C max at full rated current	UL 20/Fed Spec 50,000 cycles min., tungsten filament lamp load (Fed. Spec.) WS896E, SP, DP, 3-way, 4-way, Pilot Light, Illum., Key Lock

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 65°C

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	TORQUE RANGE
Brass-Hot, Black-Hot, White-Neutral, Green-Grounding	#14-#10 AWG back wired #14-#12 AWG side wired	Ratings are permanently stamped on device strap	12-14 inch pounds

STANDARDS & CERTIFICATION					
NEMA WD1 & WD6	ANSI C-73	UL 20	UL Fed Spec WS896E	CUL per CSA C22.2 No.111	NOM
✓	✓	#E7458	#E7458	#E63969	#057

5657-2I

5685-2GY

5685-2A

5686-2W

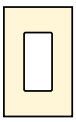
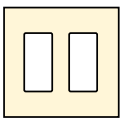
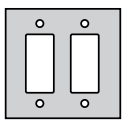
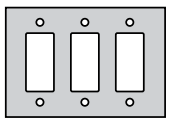
AC HORSEPOWER RATINGS
15 AMP
1/2@120V
2@240V
12 AMP MAX

Momentary Contact

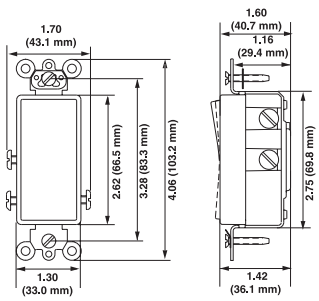
TOGGLE COLOR	SINGLE-POLE DOUBLE-THROW CENTER OFF
	15 AMP
Brown	5657-2
Ivory	5657-2I
White	5657-2W
Gray	5657-2GY
Ebony	5657-2E
Almond	5657-2A
Light Almond	5657-2T

Maintained Contact

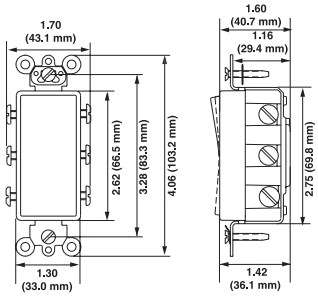
TOGGLE COLOR	SINGLE-POLE DOUBLE-THROW CENTER OFF	DOUBLE-POLE DOUBLE-THROW CENTER OFF
	15 AMP	
Brown	5685-2	5686-2
Ivory	5685-2I	5686-2I
White	5685-2W	5686-2W
Gray	5685-2GY	–
Ebony	5685-2E	–
Almond	5685-2A	5686-2A
Light Almond	5685-2T	5686-2T

SCREWLESS SNAP-ON WALLPLATES		NYLON WALLPLATES		302 STAINLESS STEEL WALLPLATES	
					
80301-I	80309-I	80401-NE	80409-NE	84409-40	84411-40

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



5685



5686

20A 120/277V AC

Commercial Grade, Back & Side Wired

LEVITON

10 YEAR LIMITED WARRANTY

ELECTRICAL			
DIELECTRIC VOLTAGE	OVERLOAD UL 20 TEST	TEMP. RISE	ENDURANCE
Withstands 1500V for 1min	100 cycles of overload at 4.8 times rated current	30°C max at full rated current	UL 20/Fed Spec 50,000 cycles min., tungsten filament lamp load (Fed. Spec.) WS896E, SP, DP, 3-way, 4-way, Pilot Light, Illum., Key Lock

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 65°C

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	TORQUE RANGE
Brass-Hot, Black-Hot, White-Neutral, Green-Grounding	#14-#10 AWG back wired #14-#12 AWG side wired	Ratings are permanently stamped on device strap	12-14 inch pounds

STANDARDS & CERTIFICATION					
NEMA WD1 & WD6	ANSI C-73	UL 20	UL Fed Spec WS896E	CSA C22.2 No. 111	NOM
✓	✓	#E7458	#E7458	#152105	#057

AC HORSEPOWER RATINGS
15 AMP
1@120V
16 AMP MAX

DECORA PLUS

5631-2W

5649-2I

5628-2I

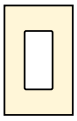
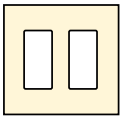
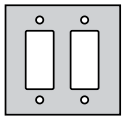
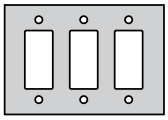
5633-2W

Illuminated Illuminated when load is OFF. Does not require a neutral wire.

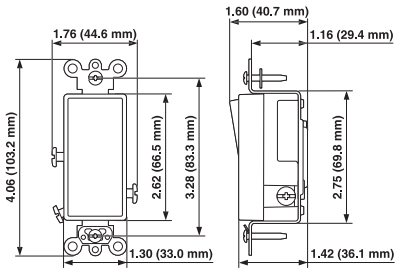
TOGGLE COLOR	SINGLE-POLE 120V	3-WAY 120V	SINGLE-POLE 277V	3-WAY 277V
20 AMP				
Ivory	5631-2I	5633-2I	5649-2I	–
White	5631-2W	5633-2W	5649-2W	5659-2W
Ebony	5631-2E	–	–	–
Almond	5631-2A	5633-2A	–	–
Light Almond	5631-2T	5633-2T	–	–

Pilot Light Illuminated when load is ON. Requires a neutral wire.

TOGGLE COLOR	SINGLE-POLE 120V	3-WAY 120V	SINGLE-POLE 277V	3-WAY 277V
20 AMP				
Ivory	5628-2I	5638-2I	5629-2I	–
White	5628-2W	5638-2W	5629-2W	5639-2W
Almond	5628-2A	5638-2A	–	–
Light Almond	5628-2T	–	–	–

SCREWLESS SNAP-ON WALLPLATES		NYLON WALLPLATES		302 STAINLESS STEEL WALLPLATES	
					
80301-I	80309-I	80401-NE	80409-NE	84409-40	84411-40

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



APPLIES TO ALL SWITCHES ON THIS PAGE

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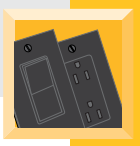
15A 125V; 20A 125V

Hospital & Industrial Grade



10 YEAR LIMITED WARRANTY

NEMA 5-15R NEMA 5-20R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White,neutral	#14 – #10 AWG	Ratings are permanently marked on device

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498HG	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	—	#152105	#057

AC HORSEPOWER RATINGS			
15A 125V	15A 250V	20A 125V	20A 250V
.5	1.5	1.0	2.0

Back & Side Wired

UL 498HG does not apply to Industrial Grade receptacles.

8380-I

8380-IGO

8381-IGI

7280-I Back View

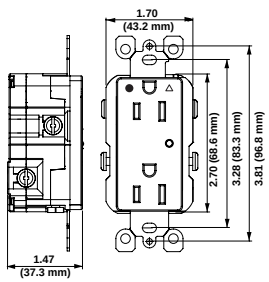
5280

5380-IGB

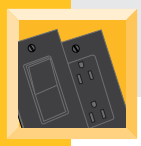
FACE COLOR	HOSPITAL GRADE SURGE, DUPLEX Indicator Light, Audible Alarm	HOSPITAL GRADE SURGE, SINGLE Indicator Light, Audible Alarm	HOSPITAL GRADE IG, SURGE, DUPLEX Indicator Light, Audible Alarm	HOSPITAL GRADE IG, SURGE, SINGLE Indicator Light, Audible Alarm	INDUSTRIAL GRADE SURGE, DUPLEX Indicator Light, Audible Alarm	INDUSTRIAL GRADE SURGE, DUPLEX Indicator Light	INDUSTRIAL GRADE IG, SURGE, DUPLEX Indicator Light
15A 125V, NEMA 5-15R, 2-P 3-W, Grounding							
Brown	8280	–	–	–	7280	5280	–
Ivory	8280-I	–	8280-IGI	8281-IGI	7280-I	5280-I	5280-IGI
White	8280-W	–	8280-IGW	–	7280-W	5280-W	5280-IGW
Gray	–	–	8280-IGG	–	7280-GY	5280-GY	5280-IGG
Red	8280-R	–	–	–	–	–	–
Blue	8280-B	–	8280-IGB	–	7280-B	5280-B	5280-IGB
Orange	–	–	8280-IGO	8281-IGO	–	–	5280-IGO
Almond	8280-A	–	–	–	7280-A	5280-A	5280-IGA
Lt. Almond	8280-T	–	–	–	–	5280-T	–
20A 125V, NEMA 5-20R, 2-P 3-W, Grounding							
Brown	8380	8381	–	–	7380	5380	–
Ivory	8380-I	8381-I	8380-IGI	8381-IGI	7380-I	5380-I	5380-IGI
White	8380-W	8381-W	8380-IGW	8381-IGW	7380-W	5380-W	5380-IGW
Gray	8380-GY	8381-GY	8380-IGG	–	7380-GY	5380-GY	5380-IGG
Red	8380-R	8381-R	–	–	–	–	–
Blue	8380-B	–	–	8381-IGB	7380-B	5380-B	5380-IGB
Orange	–	–	8380-IGO	–	–	–	5380-IGO

PERFORMANCE DATA				
OPERATING FREQUENCY	MAXIMUM CONTINUOUS OPERATING VOLTAGE (MCOV)	MAXIMUM SINGLE-PULSE (10x1000µs) Joules	MAXIMUM SINGLE-PULSE (8x20µs) L-N/L-G/N-G	EMI-RFI NOISE REJECTION @ 50 Ohms 500K - 30MHz
50, 60Hz	150V rms	720	24kA/12kA/12kA	-30dB

CLAMPING PERFORMANCE
UL 1449 SUPPRESSED VOLTAGE RATINGS (SVR) Assigned at 6" lead length with 6kV/500A impulse in accordance w/ UL 1449 (2nd Ed.)
400/400/400Vpk



APPLIES TO ALL RECEPTACLES ON THIS PAGE



15A 125V & 250V

LEVITON

Hospital & Commercial Grade

NEMA 5-15R NEMA 6-15R

10 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White,neutral	#14 – #10 AWG	Ratings are permanently marked on device

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

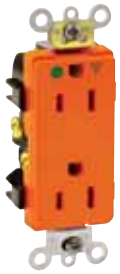
STANDARDS & CERTIFICATIONS					
NEMA WD6	ANSI C-73	UL 498	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	—	#152105	#057

AC HORSEPOWER RATINGS			
15A 125V	15A 250V	20A 125V	20A 250V
.5	1.5	1.0	2.0

Back & Side Wired, Self-Grounding

16262-HGR

16262-SGW


16262-IG

16262-PLI

7599-HGI

Note: This device meets UL Fed Spec WC-596 Requirements

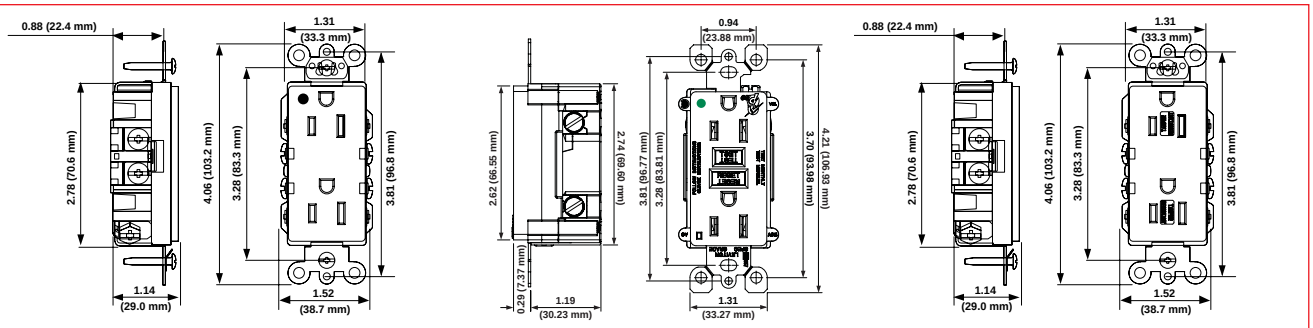
DR15S-GI

16262-E

FACE COLOR	HOSP. GRADE DUPLEX	HOSP. GRADE DUPLEX TAMPER-RESISTANT	HOSP. GRADE IG DUPLEX Self-Grounding Does Not Apply	HOSP. GRADE DUPLEX w/Green LED Power Indicator	HOSP. GRADE SMARTLOCK® PRO w/LED – GFCI DUPLEX w/ LOCKOUT	COMM. GRADE DUPLEX TAMPER-RESISTANT	COMM. GRADE DUPLEX
15A 125V, NEMA 5-15R, 2-P 3-W, Grounding							
Brown	–	16262-SG	16262-IGB	–	7599-HG	–	16262
Ivory	16262-HGI	16262-SGI	16262-IGI	16262-PLI	7599-HGI	DR15S-GI	16262-I
White	16262-HGW	16262-SGW	16262-IGW	16262-PLW	7599-HGW	DR15S-GW	16262-W
Gray	16262-HGG	–	–	–	7599-HGG	–	16262-GY
Red	16262-HGR	16262-SGR	16262-IGR	16262-PLR	7599-HGR	–	–
Black	–	–	–	–	–	–	16262-E
Orange	–	–	16262-IG	–	–	–	–
Almond	–	–	–	–	7599-HGA	DR15S-GA	–
Lt. Almond	–	–	–	–	7599-HGT	–	–
15A 250V, NEMA 6-15R, 2-P 3-W, Grounding							
Ivory	16662-HGI	–	–	–	–	–	16662-I
White	16662-HGW	–	–	–	–	–	16662-W

SEE SECTION F FOR ADDITIONAL GFCI's

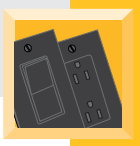
- Meets or Exceeds UL, 2006 Requirements
- SmartLock PRO® GFCI Prevents Reset in Case of Line-Load Reverse Wiring
- Greater Protection Against Loss of Ground Fault Protection Due to Surges, Abuse and Overvoltages
- Device Prevents Reset If Its Protective Function Has Been Compromised



APPLIES TO 16262 SERIES RECEPTACLES | 7599-HG SERIES | DR15S SERIES

20A 125V & 250V

Hospital & Commercial Grade



10 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White,neutral	#14 – #10 AWG	Ratings are permanently marked on device
ENVIRONMENTAL		
FLAMMABILITY	OPERATING TEMP.	
Rated V-2 per UL 94	-40°C to 60°C	

STANDARDS & CERTIFICATIONS					
NEMA WD6	ANSI C-73	UL 498	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	—	#152105	#057
AC HORSEPOWER RATINGS					
15A 125V	15A 250V	20A 125V	20A 250V		
.5	1.5	1.0	2.0		

Back & Side Wired, Self-Grounding

16362-HGI

16362-IG

16362-PLR

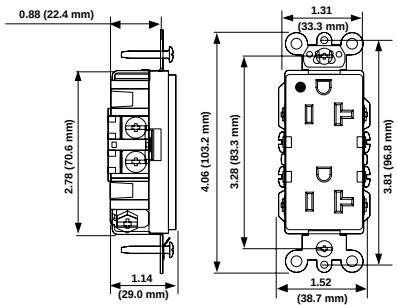
7899-HGR

16362-A

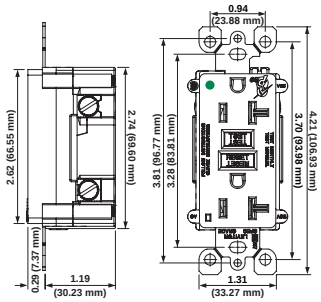
FACE COLOR	HOSP. GRADE DUPLEX	HOSP. GRADE IG DUPLEX Self-Grounding Does Not Apply	HOSP. GRADE DUPLEX w/Green LED Power Indicator	HOSP. GRD. SMARTLOCK® PRO w/ LED - GFCI DUPLEX w/ LOCKOUT Meets 2006 UL Requirements	COMM. GRADE DUPLEX
20A 125V, NEMA 5-20R					
Brown	–	16362-IGB	–	7899-HG	16362
Ivory	16362-HGI	16362-IGI	16362-PLI	7899-HGI	16362-I
White	16362-HGW	16362-IGW	16362-PLW	7899-HGW	16362-W
Gray	16362-HGG	16362-IGG	–	7899-HGG	16362-GY
Red	16362-HGR	16362-IGR	16362-PLR	7899-HGR	16362-R
Orange	–	16362-IG	–	–	–
Almond	–	–	–	7899-HGA	16362-A
Lt. Almond	–	–	–	7899-HGT	–
20A 250V, NEMA 6-20R					
Ivory	16462-HGI	–	–	–	16462-I
White	16462-HGW	–	–	–	16462-W
Black	–	–	–	–	16462-E

SEE SECTION F FOR ADDITIONAL GFCI's

- Meets or Exceeds UL, 2006 Requirements
- SmartLock PRO® GFCI Prevents Reset in Case of Line-Load Reverse Wiring
- Greater Protection Against Loss of Ground Fault Protection Due to Surges, Abuse and Overvoltages
- Device Prevents Reset If Its Protective Function Has Been Compromised



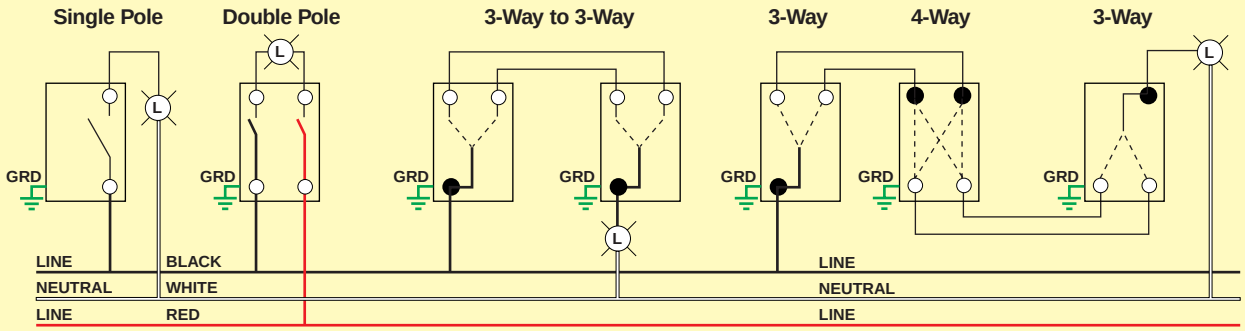
APPLIES TO 16362 SERIES RECEPTACLES



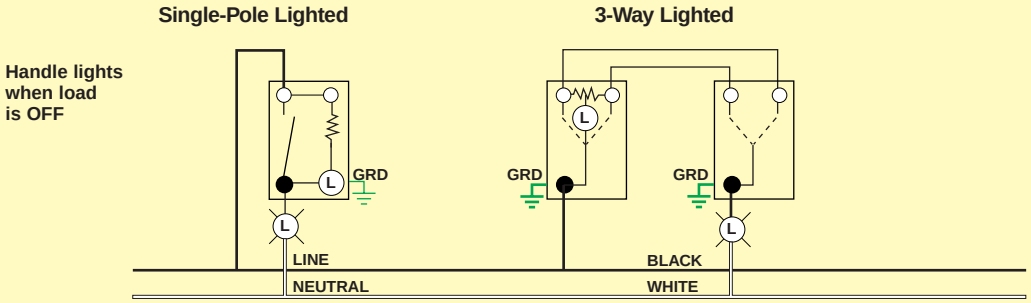
7899-HG SERIES

Switch Wiring Diagrams

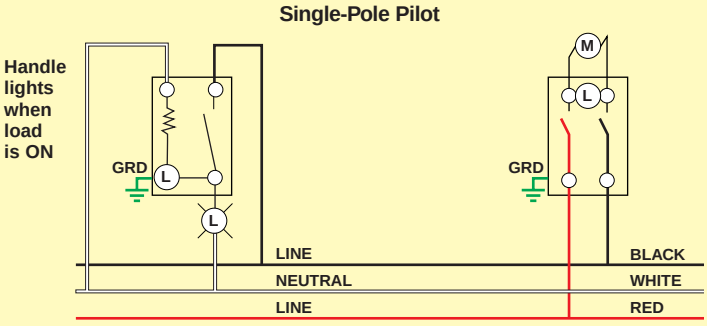
STANDARD TOGGLE TYPE SWITCHES



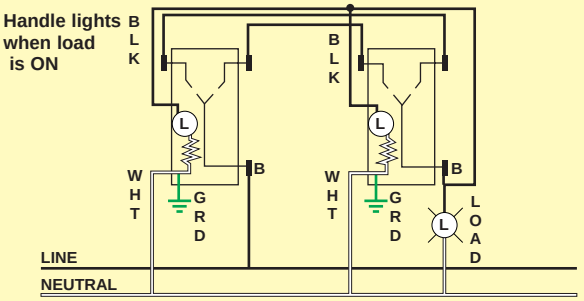
LIGHTED HANDLE SWITCHES



PILOT LIGHT SWITCHES



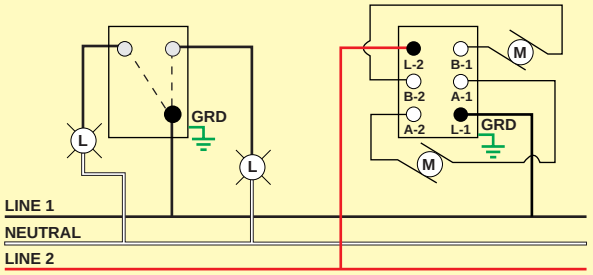
3-WAY PILOT SWITCHES



3-POSITION SWITCHES MOMENTARY AND MAINTAINED

Single-Pole, Double Throw (SPDT) Center OFF

Double-Pole, Double Throw (DPDT) Center OFF



H SECTION

Hospital Grade Devices

Hospital Grade Devices – Section Contents

LEVITON

	DUPLEX	SLIM DUPLEX	DUPLEX TAMPER RESISTANT	DUPLEX ILLUMINATED	DUPLEX w/Green LED Power Status Indicator	DUPLEX w/6" Wire Leads	SINGLE	PAGE NO.	DUPLEX	PAGE NO.
	15 AMP 125V, NEMA 5-15R								15 AMP 250V, NEMA 6-15R	
Series	8200	8200-H	8200-SG	8200-HL	8200-PL	8200-L	8210	H3	8600	H3
	20 AMP 125V, NEMA 5-20R								20 AMP 250V, NEMA 6-20R	
Series	8300	8300-H	8300-SG	8300-HL	8300-PL	8300-L	8310	H3	8400	H3

	IG DUPLEX	IG 4-IN-1	IG 4-IN-1 SURGE	IG DUPLEX w/6" Lead	IG SINGLE w/6" Lead	PAGE NO.
	15 AMP 125V, NEMA 5-15R					
Series	8200-IG	1254-IG	8480-IG	8200-LIG	8210-IG	H4
	20 AMP 125V, NEMA 5-20R					
Series	8300-IG	21254-IG	8490-IG	8300-LIG	8310-IG	H4

	4-IN-1	4-IN-1 SURGE	4-IN-1 ADAPTER PLATES	4-IN-1 PORTABLE BOXES	PAGE NO.
	15 AMP 125V, NEMA 5-15R				
Series	1254-H	8480	3254	4254	H5
	20 AMP 125V, NEMA 5-20R				
Series	21254-H	8490	3254	4254	H5

	SURGE DUPLEX Indicator Light Audio Alarm	SURGE SINGLE Indicator Light Audio Alarm	IG SURGE DUPLEX Indicator Light Audio Alarm	IG SURGE SINGLE Indicator Light Audio Alarm	PAGE NO.
	15 AMP 125V, NEMA 5-15R				
Series	8280	—	8280-IG	8281-IG	H6
	20 AMP 125V, NEMA 5-20R				
Series	8380	8381	8380-IG	8381-IG	H6

	DUPLEX	DUPLEX TAMPER RESISTANT	IG DUPLEX Self-Grounding Does Not Apply	DUPLEX w/Green LED Power Status Indicator	DUPLEX SmartLock*PRO*™ GFCI w/LED w/Lockout	PAGE NO.
	15 AMP 125V, NEMA 5-15R					
Series	16262-HG	16262-SG	16262-IG	16262-PL	7599-HG	H7
	15 AMP 250V, NEMA 6-15R					
Series	16662-HG	—	—	—	—	H7

	DUPLEX	IG DUPLEX Self-Grounding Does Not Apply	DUPLEX w/Green LED Power Status Indicator	DUPLEX SmartLock*PRO*™ GFCI w/LED w/Lockout	PAGE NO.
	20 AMP 125V, NEMA 5-20R				
Series	16362-HG	16362-IG	16362-PL	7899-HG	H8
	20 AMP 250V, NEMA 6-20R				
Series	16462-HG	—	—	—	H8

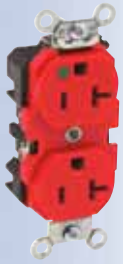
POLE/WIRES	AMPS	VOLTS	NEM	AC HP	PLUG	CONNECTOR	ANGLE	PAGE NO.
Straight Blade Plugs & Connectors								
Hospital Grade 2-Pole 3-Wire Grounding	15	125	5-15	0.5	8215-C	8219-C	8215-CAT	H9
Hospital Grade 2-Pole 3-Wire Grounding	20	125	5-20	1	8315-C	8319-C	8315-CAT	H9
Hospital Grade 2-Pole 3-Wire Grounding	20	250	6-20	2	—	—	8415-CAT	H9

Device options (Transparent and Lighted Transparent) also appear on H9.
Surge suppression plug strips containing HG devices appear on page H9
Python™ devices and Power Interrupting Devices appear on page H10.

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

Hospital Grade Device Types

HOSPITAL SPEC



- 15–20 Amp Duplex & Single Configurations
- Interlocking Thermoplastic Nylon Cover & Body
- Permanent "Green Dot" Marked on Face
- Nickel-Plated Brass Strap with Integral Ground Contacts
- Back & Side Wired Ground Termination

8300-R

PAGE H3

TAMPER-RESISTANT

- 15–20 Amp Duplex Configurations
- Mechanical Safety Shutters
- Interlocking Thermoplastic Cover & Body
- Approved for Emergency Circuits and Pediatric/ Psychiatric Care Areas

8300-SGI

PAGE H3

POWER INDICATION

- 15–20 Amp Configurations
- 100,000 Hr. Power Status Indicator
- Permanent "Green Dot" Lens
- Suitable for Critical Care Areas and Emergency Circuits
- Nickel-Plated Brass Strap with Integral Ground Contacts
- Back & Side Wired Ground Termination

8300-PLW

PAGE H3

ILLUMINATED

- 15–20 Amp Duplex Configurations
- Back & Side Wired
- Illuminated Face
- Thermoplastic Nylon Cover & Body

8300-HLW

PAGE H3

FOUR-IN-ONE

21254-IGI

- 15–20 Amp Configurations
- Hospital, Surge and IG Versions
- Thermoplastic Nylon Face and Body
- Universal Mounting

PAGES H4 & H5

ISOLATED GROUND

- 15–20 Amp Duplex & Single Configurations
- Thermoplastic Nylon Cover & Body
- Isolated Grounding Contact
- Permanent "IG" Mark

8310-IG

PAGE H4

SURGE PROTECTION

- Hospital Grade 15-20 Amp Duplex & Single Configurations
- Surge & IG Versions
- Audible and Visual Protection Status Alarms
- Back & Side Wired
- Thermoplastic Nylon Cover & Body

8280-IGB

PAGE H6

DECORA PLUS™

- 15–20 Amp Duplex Configurations
- Tamper Resistant, IG, Power Indication Versions
- Back & Side Wired
- Durable thermoplastic face offered in an array of contemporary colors
- Triple-wipe copper alloy contacts ensure maximum conductivity

16262-IG

PAGES H7

GFCI SMARTLOCK*PRO*™

- 15–20 Amp Configurations
- Back & Side Wired
- LED Status Indicator
- Meets new UL GFCI requirements, effective 2006
- Prevents reset if protective function is compromised
- Prevents reset in case of line-load reverse wiring

7899-HGR

PAGES H7 & H8

PLUGS & CONNECTORS

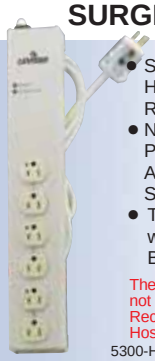
- Hospital Grade 15 & 20 Amp Straight & Angle Devices
- HG Power Indication Plugs & Connectors
- 20 Amp Hospital Grade Power Interrupting Devices
- Python Plugs & Connector Versions
- Power Interrupting Plug, Connector and Receptacle Available

8319-C

8215-C

PAGES H9

SURGE STRIPS



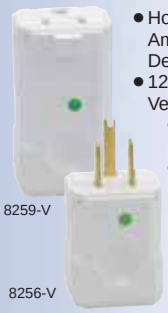
- Six Outlet, 6' Cord with Hospital Grade Plug & Receptacles
- No Switch Provided — Power is Always ON to Avoid Accidental Shutdown
- Three Mode Protection with Leakage Current Below 100 Microamps

The Surge Strips themselves are not Hospital Grade listed but the Receptacles and the Plug are Hospital Grade Devices

5300-HTS

PAGES H9

PYTHON™ PLUGS & CONNECTORS



- Hospital Grade 15 & 20 Amp Straight Blade Devices
- 125V & 250V Easy-to-Wire Versions
  - 1 Piece Connector Contacts
  - Curved and Crimp-Lock Terminal Clamps Provide Superior Electrical Connections Without Cutting Wire Strands

8259-V

8256-V

PAGE H10

15A 125V & 250V; 20A 125V & 250V

Hospital Grade

LEVITON

10 YEAR LIMITED WARRANTY

NEMA 5-15R | NEMA 5-20R | NEMA 6-15R | NEMA 6-20R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White,neutral	#14 – #10 AWG	Ratings are permanently marked on device

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498HG	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	#E13399	#152105	#057

AC HORSEPOWER RATINGS			
15A 125V	15A 250V	20A 125V	20A 250V
.5	1.5	1.0	2.0

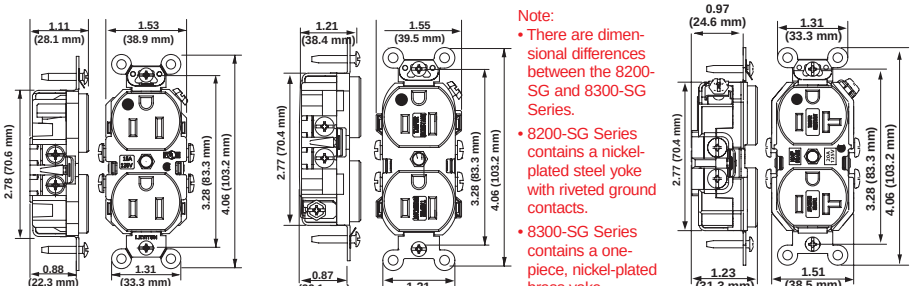
Back & Side Wired, Self-Grounding

8300-E | 8200-HI | 8200-SGG | 8300-SGI | 8200-HLI | 8300-PLW | 8300-L | 8210-R

FACE COLOR	HOSP. GRADE DUPLEX	HOSP. GRD. SLIM DUPLEX	HOSP. GRADE DUPLEX TAMPER RESISTANT	HOSP. GRADE DUPLEX ILLUMINATED	HOSP. GRADE DUPLEX w/Green LED Power Indication	HOSP. GRADE DUPLEX w/6" Wire Leads	HOSP. GRADE SINGLE
15A 125V, NEMA 5-15R, 2-P 3-W, Grounding							
Brown	8200	8200-H	8200-SG	–	–	8200-L	8210
Ivory	8200-I	8200-HI	8200-SGI	8200-HLI	8200-PLI	8200-LI	8210-I
White	8200-W	8200-HW	8200-SGW	8200-HLW	8200-PLW	8200-LW	8210-W
Gray	8200-G	8200-HGY	8200-SGG	–	–	8200-LGY	–
Red	8200-R	8200-HR	8200-SGR	8200-HLR	8200-PLR	8200-LR	8210-R
20A 125V, NEMA 5-20R, 2-P 3-W, Grounding							
Brown	8300	8300-H	8300-SG	–	–	8300-L	8310
Ivory	8300-I	8300-HI	8300-SGI	8300-HLI	8300-PLI	8300-LI	8310-I
White	8300-W	8300-HW	8300-SGW	8300-HLW	8300-PLW	8300-LW	8310-W
Gray	8300-G	8300-HGY	8300-SGG	–	–	8300-LGY	8310-G
Red	8300-R	8300-HR	8300-SGR	8300-HLR	8300-PLR	8300-LR	8310-R
Black	8300-E	–	–	–	–	8300-LE	–
Almond	–	–	–	–	–	8300-LA	–

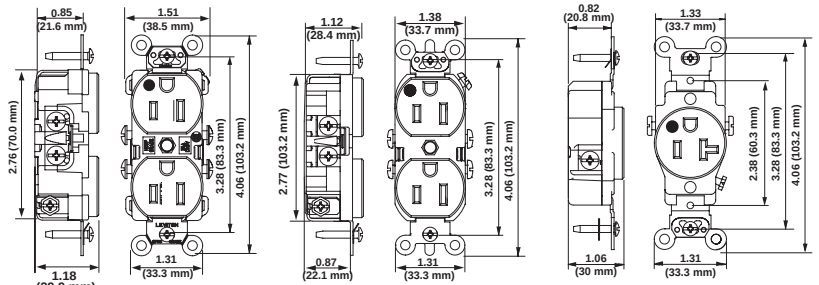
8400-I

FACE COLOR	HOSP. GRD. DUPLEX
15A 250V, NEMA 6-15R	
Brown	8600
Ivory	8600-I
White	–
Gray	–
Red	–
20A 250V, NEMA 6-20R	
Brown	8400
Ivory	8400-I
White	–
Gray	–
Red	–
Black	–



8200, 8300, 8200-PL, 8300-PL, 8400, 8600 | 8200-SG | 8300-SG

Note:
- There are dimensional differences between the 8200-SG and 8300-SG Series.
- 8200-SG Series contains a nickel-plated steel yoke with riveted ground contacts.
- 8300-SG Series contains a one-piece, nickel-plated brass yoke.



8200-H, 8300-H | 8200-HL, 8300-HL | 8210, 8310

15A 125V; 20A 125V

Hospital Grade

10 YEAR LIMITED WARRANTY

NEMA 5-15R NEMA 5-20R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot	#14 – #10 AWG	Ratings are permanently marked on device
Grounding	4-in-1	
White,neutral	#14 – #12 AWG	
ENVIRONMENTAL		
FLAMMABILITY	OPERATING TEMP.	
Rated V-2 per UL 94	-40°C to 60°C	

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498HG	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	#E13399	#152105	#057
AC HORSEPOWER RATINGS					
15A 125V	15A 250V	20A 125V	20A 250V		
.5	1.5	1.0	2.0		

Back & Side Wired

8300-IGI

21254-IGI

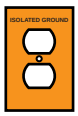
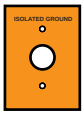
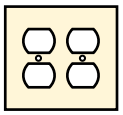
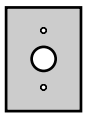
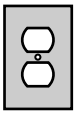
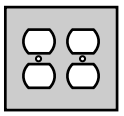
4-in-1 Side Wired

Split Circuit Not Available
8480-IGI

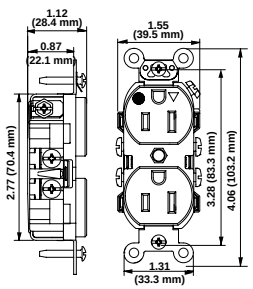
8300-LIG

8310-IG

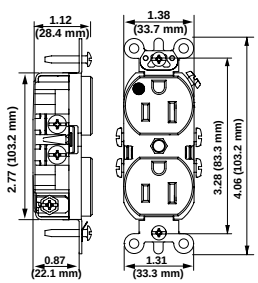
FACE COLOR	HOSPITAL GRADE IG DUPLEX	HOSPITAL GRADE IG 4-IN-1	HOSPITAL GRADE IG 4-IN-1 SURGE	HOSPITAL GRADE IG DUPLEX w/ 6" Lead	HOSPITAL GRADE IG SINGLE w/ 6" Lead
		Refer to page B7 for Device Drawings			
15A 125V, NEMA 5-15R, 2-P 3-W, Grounding					
Brown	8200-IGB	–	–	–	–
Ivory	8200-IGI	1254-IGI	8480-IGI	–	–
White	8200-IGW	1254-IGW	8480-IGW	–	–
Gray	8200-IGG	–	–	–	–
Red	8200-IGR	–	–	–	–
Orange	8200-IG	1254-IG	–	8200-LIG	8210-IG
Blue	–	–	8480-IGB	–	–
20A 125V, NEMA 5-20R, 2-P 3-W, Grounding					
Brown	8300-IGB	–	–	–	–
Ivory	8300-IGI	21254-IGI	8490-IGI	–	–
White	8300-IGW	21254-IGW	–	–	–
Gray	8300-IGG	–	–	–	–
Red	8300-IGR	–	–	–	–
Orange	8300-IG	21254-IG	–	8300-LIG	8310-IG
Blue	–	–	8490-IGB	–	–

NYLON WALLPLATES			302 STAINLESS STEEL WALLPLATES		
					
80703-IG	80704-IG	80716-I	84004-40	84003-40	84016-40

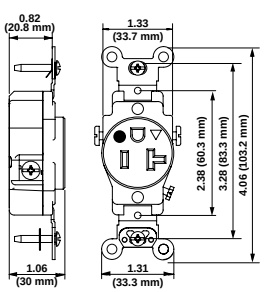
FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q



8200-IG, 8300-IG



8200-LIG, 8300-LIG



8210-IG, 8310-IG

15A 125V; 20A 125V

Hospital Grade

LEVITON

NEMA 5-15R NEMA 5-20R

10 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White,neutral	#14 - #10 AWG	Ratings are permanently marked on device

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498HG	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	#E13399	#152105	#057

AC HORSEPOWER RATINGS			
15A 125V	15A 250V	20A 125V	20A 250V
.5	1.5	1.0	2.0

Side Wired

FOUR IN ONE RECEPTACLE™
A MULTI-PURPOSE SPACE SAVING DEVICE

For clamping and performance data refer to page H6.

21254-HI

Split Circuit Not Available
8490-R

FACE COLOR	HOSPITAL GRADE	HOSPITAL GRADE SURGE
15A 125V, NEMA 5-15R, 2-P 3-W, GROUNDING		
Brown	1254-H	–
Ivory	1254-HI	8480-I
White	1254-HW	8480-W
Red	1254-HR	8480-R
20A 125V, NEMA 5-20R, 2-P 3-W, GROUNDING		
Brown	21254-H	–
Ivory	21254-HI	8490-I
White	21254-HW	8490-W
Gray	21254-HGY	–
Red	21254-HR	8490-R

Four-In-One Adapter Plates

PLATE COLOR	ADAPTER PLATE
Brown	3254
Ivory	3254-I
White	3254-W
Gray	3254-GY
Red	3254-R
Black	3254-E
Orange	3254-OR
Blue	3254-BLU

Four-In-One Portable Boxes

Accepts #16/3 AWG Type SJ to #12/3 AWG Type SO COPPER Only.

BOX COLOR	PORTABLE BOX
Ivory	4254-I
Gray	4254-GY
Black	4254-E
Orange	4254-OR
Blue	4254-BLU
Yellow	4254-Y

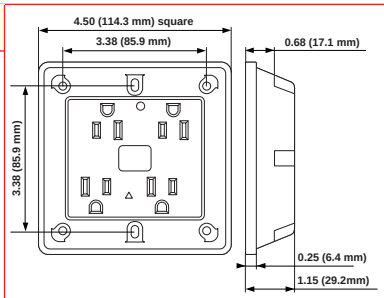
Portable boxes are not UL Listed.

Mounts Directly

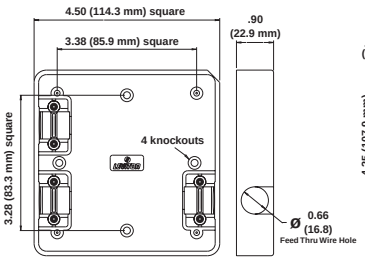
Single-Gang

4" Octagon

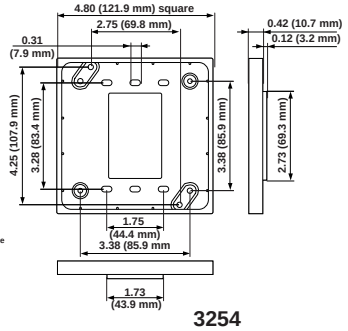
4" Square



DIMENSIONS APPLY TO ALL FOUR-IN-ONE RECEPTACLES



4254



3254

Mounts with Adapter Plate

2-Gang

4-11/16" Square

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

15A 125V; 20A 125V

Hospital Grade

10 YEAR LIMITED WARRANTY

NEMA 5-15R NEMA 5-20R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL498	Full rated current	Max 30° C after 250 cycles of overload at 200% of rated current

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White,neutral	#14 – #10 AWG	Ratings are permanently marked on device

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498HG	ULFed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	–	#152105	#057

AC HORSEPOWER RATINGS			
15A 125V	15A 250V	20A 125V	20A 250V
.5	1.5	1.0	2.0

Back & Side Wired

8380

8381-GY

8280-IGO

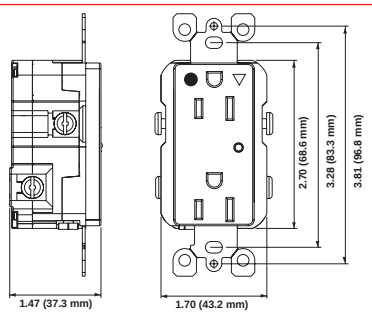
8281-IGI

Back View

FACE COLOR	HOSPITAL GRADE SURGE, DUPLEX Indicator Light, Audible Alarm	HOSPITAL GRADE SURGE, SINGLE Indicator Light, Audible Alarm	HOSPITAL GRADE IG, SURGE, DUPLEX Indicator Light, Audible Alarm	HOSPITAL GRADE IG, SURGE, SINGLE Indicator Light, Audible Alarm
15A 125V, NEMA 5-15R, 2-P 3-W, GROUNDING				
Brown	8280	–	–	–
Ivory	8280-I	–	8280-IGI	8281-IGI
White	8280-W	–	8280-IGW	8281-IGW
Gray	–	–	8280-IGG	–
Red	8280-R	–	–	–
Blue	8280-B	–	8280-IGB	–
Black	–	–	–	–
Orange	–	–	8280-IGO	8281-IGO
Almond	8280-A	–	–	–
Lt. Almond	8280-T	–	–	–
20A 125V, NEMA 5-20R, 2-P 3-W, GROUNDING				
Brown	8380	8381	–	–
Ivory	8380-I	8381-I	8380-IGI	8381-IGI
White	8380-W	–	8380-IGW	8381-IGW
Gray	8380-GY	8381-GY	8380-IGG	–
Red	8380-R	8381-R	–	–
Black	–	–	–	–
Blue	8380-B	–	–	8381-IGB
Orange	–	–	8380-IGO	–

PERFORMANCE DATA				
OPERATING FREQUENCY	MAXIMUM CONTINUOUS OPERATING VOLTAGE (MCOV)	MAXIMUM SINGLE-PULSE (10x1000µs) Joules	MAXIMUM SINGLE-PULSE (8x20µs) L-N/L-G/N-G	EMI-RFI NOISE REJECTION @ 50 Ohms 5KHz - 5MHz
50, 60Hz	150V rms	320	24kA/12kA/12kA	-35dB

CLAMPING PERFORMANCE
UL1449 SUPPRESSED VOLTAGE RATINGS (SVR) Assigned at 6" lead length with 6kV/500A impulse in accordance with UL1449 (2nd Ed.)
400/400/400Vpk



SURGE RECEPTACLES

15A 125V & 250V

Hospital Grade

LEVITON

NEMA 5-15R NEMA 6-15R

10 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White,neutral	#14 – #10 AWG	Ratings are permanently marked on device

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498HG	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	–	#152105	#057

AC HORSEPOWER RATINGS			
15A 125V	15A 250V	20A 125V	20A 250V
.5	1.5	1.0	2.0

Back & Side Wired, Self-Grounding

DECORA PLUS

16262-HGR

16262-SGW

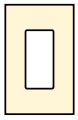
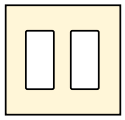
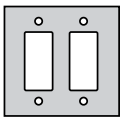
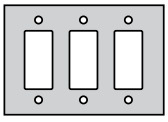
16262-IG

16262-PLI

7599-HGR

FACE COLOR	HOSPITAL GRADE DUPLEX	HOSPITAL GRADE DUPLEX TAMPER-RESISTANT	HOSPITAL GRADE IG, DUPLEX Self-Grounding Does Not Apply	HOSPITAL GRADE DUPLEX w/Green LED Power Indicator	HOSPITAL GRADE SMARTLOCK*PRO*™ GFCI DUPLEX w/ LOCKOUT
15A 125V, NEMA 5-15R, 2-P 3-W, GROUNDING					
Brown	–	16262-SG	16262-IGB	–	7599-HG
Ivory	16262-HGI	16262-SGI	16262-IGI	16262-PLI	7599-HGI
White	16262-HGW	16262-SGW	16262-IGW	16262-PLW	7599-HGW
Gray	16262-HGG	–	–	–	7599-HGG
Red	16262-HGR	16262-SGR	16262-IGR	16262-PLR	7599-HGR
Black	–	–	–	–	7599-HGE
Blue	–	–	–	–	–
Orange	–	–	16262-IG	–	–
Almond	–	–	–	–	7599-HGA
Lt. Almond	–	–	–	–	7599-HGT
15A 250V, NEMA 6-15R, 2-P 3-W, GROUNDING					
Ivory	16662-HGI	–	–	–	–
White	16662-HGW	–	–	–	–

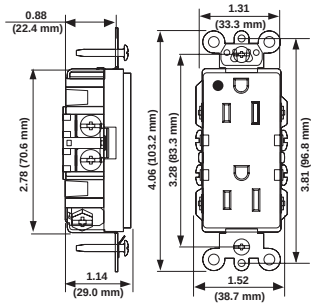
SEE SECTION F FOR GFCI's

SCREWLESS SNAP-ON WALLPLATES		NYLON WALLPLATES		302 STAINLESS STEEL WALLPLATES	
					
80301-I	80309-I	80401-NE	80409-NE	84409-40	84411-40

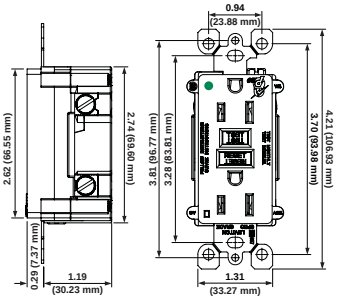
FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q

SmartLock PRO Professional-Grade Protection

- Meets or Exceeds UL, 2006 Requirements
- SmartLock*PRO*™ GFCI Prevents Reset in Case of Line-Load Reverse Wiring
- Greater Protection Against Loss of Ground Fault Protection Due to Surges, Abuse and Overvoltages
- Device Prevents Reset If Its Protective Function Has Been Compromised



16362 & 16462 SERIES



7599-HG SERIES

10 YEAR LIMITED WARRANTY

NEMA 5-20R NEMA 6-20R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL		
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.
Brass, hot Grounding White,neutral	#14 – #10 AWG	Ratings are permanently marked on device

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498HG	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	#E13399	–	#152105	#057

AC HORSEPOWER RATINGS			
15A 125V	15A 250V	20A 125V	20A 250V
.5	1.5	1.0	2.0

Back & Side Wired, Self-Grounding

DECORA PLUS

16362-HGI

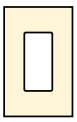
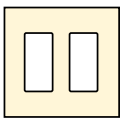
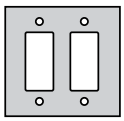
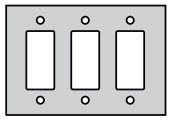
16362-IG

16362-PLR

7899-HGA

FACE COLOR	HOSPITAL GRADE DUPLEX	HOSPITAL GRADE IG, DUPLEX Self-Grounding Does Not Apply	HOSPITAL GRADE DUPLEX w/Green LED Power Indicator	HOSPITAL GRADE SMARTLOCK*PRO*™ GFCI DUPLEX w/ LED
20A 125V, NEMA 5-20R, 2-P 3-W, GROUNDING				
Brown	–	16362-IGB	–	7899-HG
Ivory	16362-HGI	16362-IGI	16362-PLI	7899-HGI
White	16362-HGW	16362-IGW	16362-PLW	7899-HGW
Gray	16362-HGG	16362-IGG	–	7899-HGG
Red	16362-HGR	16362-IGR	16362-PLR	7899-HGR
Orange	–	16362-IG	–	–
Almond	–	–	–	7899-HGA
Lt. Almond	–	–	–	7899-HGT
20A 250V, NEMA 6-20R, 2-P 3-W, GROUNDING				
Ivory	16462-HGI	–	–	–
White	16462-HGW	–	–	–

SEE SECTION F FOR GFCI's

SCREWLESS SNAP-ON WALLPLATES		NYLON WALLPLATES		302 STAINLESS STEEL WALLPLATES	
					
80301-I	80309-I	80401-NE	80409-NE	84409-40	84411-40

FOR ADDITIONAL WALLPLATE OPTIONS SEE SECTION Q

SmartLock PRO Professional-Grade Protection

- Meets or Exceeds UL, 2006 Requirements
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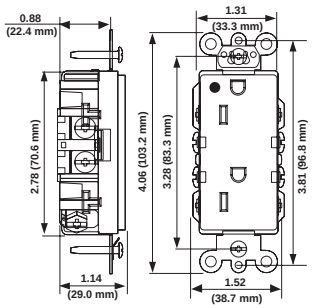
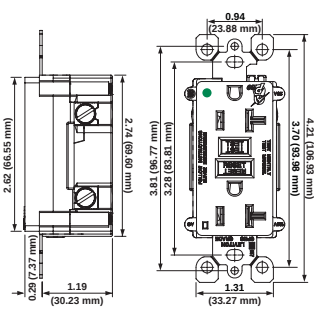


16362 & 16462 SERIES



7899-HG SERIES

15A 125V ;20A 125 & 250V

Hospital Grade

LEVITON

10 YEAR LIMITED WARRANTY

NEMA 5-15P NEMA 5-15R NEMA 5-20P NEMA 5-20R NEMA 6-20P NEMA 6-20R

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	30°C max at full rated current after 50 cycles overload at 150% rated current for both AC and DC per UL 498

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White,neutral	#18 – #10 AWG	Ratings & NEMA I.D. permanently marked on device	.245" - .700"
ENVIRONMENTAL			
FLAMMABILITY		OPERATING TEMP.	
Rated V-2 per UL 94		-40°C to 60°C	

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No. 42	NOM
✔	✔	✔	#E13393	#LR-406	#057

8315-CT

8319-C

8315-CAT

TYPE	PLUG	CONNECTOR	ANGLE PLUG
15A 125V, NEMA 5-15P AND 5-15R, 2-P 3-W, GROUNDING			
Black & White	8215-C	8219-C	–
Transparent	8215-CT	8219-CT	8215-CAT
Lighted Transparent	8215-PLC	8219-PLC	–
20A 125V, NEMA 5-20P AND 5-20R, 2-P 3-W, GROUNDING			
Black & White	8315-C	8319-C	–
Transparent	8315-CT	8319-CT	8315-CAT
Lighted Transparent	8315-PLC	8319-PLC	–
20A 250V, NEMA 6-20P AND 6-20R, 2-P 3-W, GROUNDING			
Transparent	–	–	8415-CAT

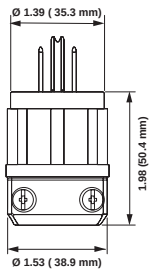
The Surge Strips themselves are not Hospital Grade listed but the Receptacles and the Plug are Hospital Grade Devices

5300-HTS

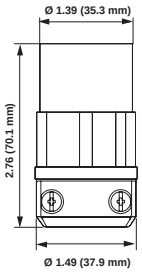
SURGE SUPPRESSOR PLUG STRIP w/ MULTI-STAGE PROTECTION
CORD LENGTHS
6' and 15' (without switch)
6-HG, TAMPER-RESISTANT OUTLETS & HOSP. GRADE LIGHTED TRANSPARENT PLUG
15A 120V NEMA 5-15P & 5-15R 2-P 3-W
5300-HTS (6') 5300-H15 (15')

5300-HT2

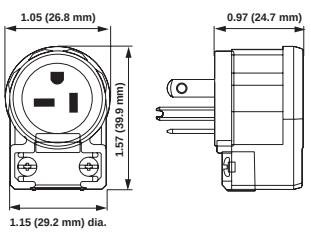
SURGE SUPPRESSOR PLUG STRIP w/ MULTI-STAGE PROTECTION
CORD LENGTH
6' (without switch)
6-HG, TAMPER-RESISTANT OUTLETS & HOSP. GRADE LIGHTED TRANSPARENT ANGLED PLUG
20A 120V NEMA 5-20P, Plug & 5-20R Receptacles 2-P 3-W
5300-HT2



PLUGS



CONNECTORS



ANGLE PLUGS

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

15A 125 & 250V; 20A 125 & 250V

Hospital Grade

10 YEAR LIMITED WARRANTY

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	30°C max at full rated current after 50 cycles overload at 150% rated current for both AC and DC per UL 498

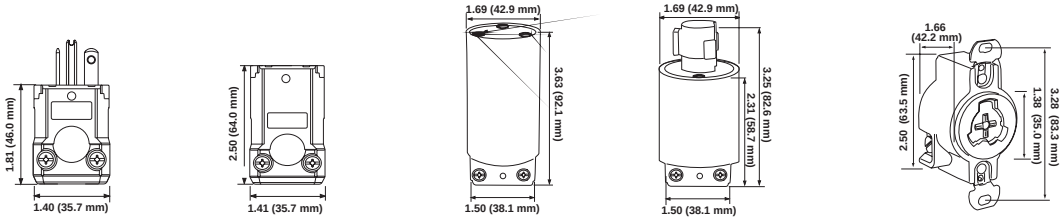
MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White,neutral	#18 – #10 AWG	Ratings & NEMA I.D. permanently marked on device	.245" - .700"
ENVIRONMENTAL			
FLAMMABILITY		OPERATING TEMP.	
Rated V-2 per UL 94		-40°C to 60°C	

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No. 42	NOM
✓	✓	✓	#E13393	#LR-406	#057

8256-V | 8259-V | 8456-V | 23004-HG | 23001-HG | 23000-HG

COLOR	STRAIGHT BLADE PYTHON™ PLUG	STRAIGHT BLADE PYTHON™ CONNECTOR	NEMA	
15A 125V, 2-P 3-W, Grounding				
White	8256-V	8259-V	NEMA 5-15P	NEMA 5-15R
15A 250V, 2-P 3-W, Grounding				
White	8656-V	8659-V	NEMA 6-15P	NEMA 6-15R
20A 125V, 2-P 3-W, Grounding				
White	8356-V	8359-V	NEMA 5-20P	NEMA 5-20R
20A 250V, 2-P 3-W, Grounding				
White	8456-V	8459-V	NEMA 6-20P	NEMA 6-20R

POWER INTERRUPTING DEVICES	LOCKING PLUG	LOCKING CONNECTOR	LOCKING FLUSH RECEPTACLE w/ THERMOSET BODY	302 STAINLESS STEEL WALLPLATE	NON-NEMA	
20A 125V, Non-NEMA, 2-P 3-W, Grounding **UL Listed for "HOSPITAL USE ONLY" applications in non-hazardous areas.**						
Gray & Black	23004-HG	23001-HG	–	84004-40	NON-NEMA	NON-NEMA
Gray & Black	–	–	23000-HG			



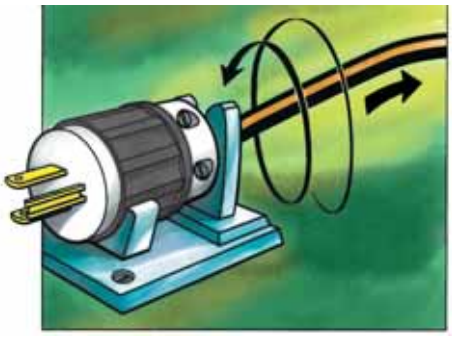
PYTHON PLUGS | PYTHON CONNECTORS | 23001-HG | 23004-HG | 23000-HG

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

Testing For Hospital Grade Listing Of Plugs, Connectors, and Receptacles Includes:

◀ 500 lb. Crush Test

A wired plug or connector is placed between two steel plates and subjected to a force which is steadily increased to 500 pounds. "There shall be no breakage, deformation or other effect that may interfere with the function of the device." Leviton knows that in real industrial environments, plugs and connectors are crushed by forces exceeding 500 lbs. *We perform the crush test with a force of 2500 lbs. to ensure that our devices withstand the really heavy hits on the job.*



◀ Cord Pull Test

The cord must remain securely fastened after straight pulls of 30 pounds, and rotating pulls (in a 3-inch circle) of 10 pounds for two hours. "Displacement of conductors, insulation, and outer jacket of the flexible cord AWG 18 SVT shall not exceed 1/32 inch. There shall be no cuts, rips, or tears in cord insulation."

Heavy-duty cord stress is typical abuse for industrial plugs and connectors. *Leviton increases the weight in the straight cord pull test to 175 lbs. with AWG 14 ST and in the rotating pull test to 20 lbs., ensuring positive strain relief under industrial conditions.*

◀ Impact Test

A wired plug or connector is subjected to impact from a 10 lb. weight repeatedly dropped from a height of 18 inches. "There shall be no breakage, deformation or other effect that may interfere with the function of the device." Plugs and connectors are subjected to severe impacts in industrial settings. Therefore, *Leviton exceeds the UL requirement by dropping the weight from a height of 36 inches.*

◀ Mechanical Drop Test

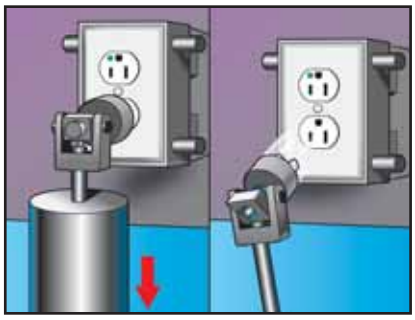
A sample wired plug or connector is suspended horizontally by its attached cord, and released so that it impacts a hard wood surface 45 inches below the point of suspension — repeated for 1300 cycles. "There shall be no breakage, deformation, or other damage which would interfere with the functioning of the device."

Assembly Security Test

A force of 100 pounds is applied though the slots to the base of the receptacle while the yoke is supported at its screw mounting positions. There must be no cracking of base or permanent deformation of yoke.

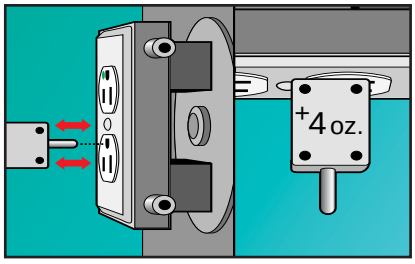
In addition...
Leviton Hospital Grade receptacles undergo these demanding tests:

- Strength of insulating base
- Ground contact temperature
- Impact test
- Ground Contact Resistance
- Terminal Strength Test
- Resistance of Ground
- Fault current
- Gripping
- Overload
- Temperature
- Dielectric withstand
- Insulation resistance
- Assembly security
- Receptacle ground contact
- Horsepower



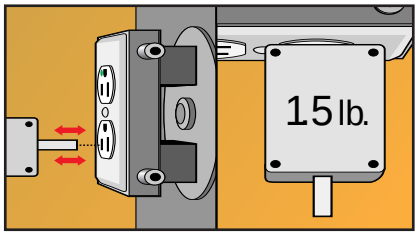
▲ Abrupt Removal of Plug Test

A steel-bodied test plug with brass blades is inserted into the receptacle. A 10 lb. weight dropped from at least 24 inches yanks the plug out of the receptacle. This test is done eight times with the receptacle rotated into different positions to create the greatest stress on its face and contact. After this, the grounding contact must retain a four ounce, 0.184" diameter grounding pin, with the receptacle face down, for one minute. There shall be no breakage of the receptacle that interferes with the receptacle function or the integrity of the enclosure. The receptacle shall maintain the grounding path integrity through the receptacle.



▲ Ground Pin Retention Test

The grounding contact of the receptacle is conditioned by 20 insertions with a .204" oversized pin. After conditioning, a 0.184" diameter pin shall be inserted in the grounding contact which shall be capable of supporting at least four ounces for one minute.



▲ Power Blade Retention Test

A test plug with oversized blades of .075" is inserted into the current-carrying opening of the receptacle for 20 conditioning cycles. After the conditioning cycles, the contact shall be capable of supporting for one minute $1^1/_2$ lbs. secured to a single .055" thick solid steel blade without holes.

SECTION

Corrosion Resistant Devices

Corrosion Resistant Devices – Section D & I Contents

POLES/WIRES	AMPS	VOLTS	NEMA	WETGUARD PLUG		WETGUARD CONNECTOR		WETGUARD RECEPTACLES	PAGE NO.	CORROSION RESISTANT RECEPTACLES		PAGE NO.
				YELLOW	BLACK	YELLOW	BLACK			SINGLE	DUPLEX	
Straight Blade 2-Pole 3-Wire Grounding. Dark Blue catalog numbers are not Wetguard devices.	15	125V	5-15	52CM-66C	–	52CM-69C	–	–	I3	5261-CR	52CM-62	I3
		125V	5-15	14W47	14W47-B	15W47	15W47-B	60W47	D3	–	–	–
		250V	6-15	14W49	–	15W49	–	60W49	D3	5661-CR	–	I3
		277V AC	7-15	14W34	–	15W34	–	–	D3	–	–	–
	20	125V	5-20	53CM-66C	–	53CM-69C	–	–	I3	5361-CR	53CM-62	I3
		125V	5-20	14W33	–	15W33	–	60W33	D4	–	–	–
		250V	6-20	14W48	–	15W48	–	60W48	D4	5461-CR	–	I3
Locking 2-Pole 3-Wire Grounding. Dark Blue catalog numbers are not Wetguard devices.	15	125V	L5-15	47CM-20C	–	47CM-29C	–	–	I3	–	–	–
		125V	L5-15	24W47	24W47-B	25W47	25W47-B	65W47	D3	47CM-10	–	I3
		250V	L6-15	45CM-70C	–	45CM-79C	–	–	I3	–	–	I3
		250V	L6-15	24W49	–	25W49	–	65W49	D3	45CM-60	–	I3
		277V AC	L7-15	24W34	–	25W34	–	65W34	D3	47CM-60	–	I3
	20	125V	L5-20	23CM-11	–	23CM-13	–	–	I3	–	–	–
		125V	L5-20	26W47	26W47-B	27W47	27W47-B	67W47	D4	23CM-10	–	I3
		250V	L6-20	26W48	26W48-B	27W48	27W48-B	67W48	D4	23CM-20	–	I3
		277V AC	L7-20	26W49	–	27W49	–	67W49	D4	23CM-30	–	I3
Locking 3-Pole 4-Wire Grounding	20	125/250V	L14-20	26W74	–	27W74	–	67W74	D5	24CM-10	–	I3
		3ø 250V	L15-20	26W75	26W75-B	27W75	27W75-B	67W75	D5	24CM-20	–	I3
		3ø 480V	L16-20	26W76	26W76-B	27W76	27W76-B	67W76	D5	24CM-30	–	I3
Locking 3-Pole 3-Wire Non-Grounding	20	125/250V	Non-NEMA	26W08	–	27W08	–	67W08*	D5	–	–	–
Locking 4-Pole 4-Wire Non-Grounding	20	3øY 120/208V	Non-NEMA	26W09	–	27W09	–	67W09*	D6	–	–	–
Locking 4-Pole 5-Wire Grounding	20	3øY 120/208V	L21-20	26W81	26W81-B	27W81	27W81-B	67W81*	D6	–	–	–
		3øY 277/480V	L22-20	26W82	–	27W82	–	67W82*	D6	–	–	–
		3øY 347/600V	L23-20	26W83	–	27W83	–	67W83*	D6	–	–	–
Locking 2-Pole 3-Wire Grounding. Dark Blue catalog numbers are not Wetguard devices.	30	125V	L5-30	26CM-11	–	26CM-13	–	–	I4	–	–	–
		125V	L5-30	28W47	28W47-B	29W47	29W47-B	69W47	D7	26CM-10†	–	I4
		250V	L6-30	26CM-21	–	26CM-23	–	–	I4	–	–	–
		250V	L6-30	28W48	–	29W48	–	69W48	D7	26CM-20	–	I4
		277V AC	L7-30	28W49	–	29W49	–	69W49*	D7	–	–	–
Locking 3-Pole 4-Wire Grounding	30	125/250V	L14-30	28W74	–	29W74	–	69W74	D7	27CM-10	–	I4
		3ø 250V	L15-30	28W75	28W75-B	29W75	29W75-B	69W75	D7	27CM-20	–	I4
		3ø 480V	L16-30	28W76	28W76-B	29W76	29W76-B	69W76*	D7	–	–	–
		3ø 600V	L17-30	28W77	28W77-B	29W77	29W77-B	69W77*	D8	–	–	–
Locking 3-Pole 3-Wire Non-Grounding	30	125/250V	Non-NEMA	28W08	–	29W08	–	69W08*	D8	–	–	–
Locking 4-Pole 4-Wire Non-Grounding	30	3øY 120/208V	Non-NEMA	28W09	–	29W09	–	69W09*	D8	–	–	–
Locking 4-Pole 5-Wire Grounding	30	3øY 120/208V	L21-30	28W81	28W81-B	29W81	29W81-B	69W81*	D8	–	–	–
		3øY 277/480V	L22-30	28W82	–	29W82	–	69W82*	D8	–	–	–
		3øY 347/600V	L23-30	28W83	–	29W83	–	69W83*	D8	–	–	–

* Non-corrosion resistant receptacle † SS Inlet w/ Cover catalog no. SS303

50 Amp Devices

		VOLTS	NEMA	PLUG	CONNECTOR	RECEPTACLE	SS INLET w/ COVER	
Locking 2-Pole 3-Wire Grounding	50	125V	Non-NEMA	6361-CR	6360-CR	6370-CR	6372-CR	I5
Locking 3-Pole 4-Wire Grounding	50	125/250V	Non-NEMA	6365-CR	6364-CR	6369-CR	6374-CR	I5

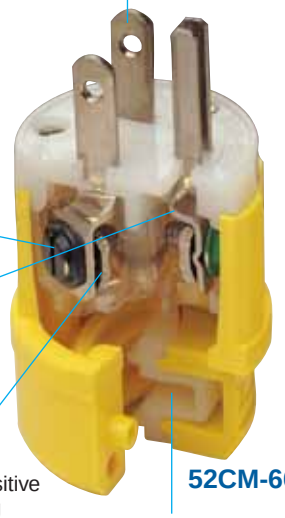
UL 498 / Fed. Spec. 596 Listed and CSA Specification C22.2 No.42 Certified

Solid brass plug blades held tightly in individual module configurations.

Non-magnetic stainless steel assembly screws will not interfere with sensitive navigational equipment.

Captive, brass #8 terminal screws are color coded for easy wiring identification.

Plug blades avoid contaminants in interior chamber.



52CM-66C

Wire clamp provides positive crimp lock without cutting wire strands.

Wiring module keyed to body for easy assembly and tight fit.

52CM-69C

All current-carrying metal parts (blades, contacts, terminals and screws) are electroless nickel-coated.

Heavy-duty, impact-resistant, super tough ST801 all-nylon body construction, with sure grip fluted design.

Nylon plug and connector body is distinguished by a bright yellow color for easy identification as corrosion resistant.

Mill-slotted, stainless steel cord clamp screws set in deep-funneled wells.

Plugs and connectors pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion.

Wire clamps move within individual chambers to provide positive crimp lock without cutting wire strands.

Captive terminal screws eliminate nuisance dropping and searching for missing screws.

Deep-funnelled, large wire wells guide conductors into termination position.

Shrouded pockets in cord clamp prevents slippage of screwdriver blade when tightening strain relief clamp, stainless steel screws.

COMPONENT	DESCRIPTION
Husk	Super Tough Nylon
Face	Nylon
Back Cover	Thermoplastic
Containment Housing	Nylon
Cord-Clamp	Nylon
Clamp Insert	Nylon
Blades/Contacts	Nickel-Plated Brass
Terminal Screws	Nickel-Plated #8 Brass
Assembly Screws	Stainless Steel 300 Series

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec WC-596	CSA C22.2 No. 42	NOM
✓	✓	✓	#E13393	#LR-406	#057

Strain relief insert is easily removed to accommodate larger

CORD CLAMP RANGES
Cord Range, .245" min.-.700" max. The cord clamp will accommodate cords from SVT #18-3 (.23"-.27"/5.8mm-6.9mm, OD) with a maximum of SO #14-3 (.36"-.40"/9.1mm-10.2mm, OD) with strain relief insert. When strain relief insert is removed cord clamp will accept up to ST #10-3 (.65"-.72"/16.5-18.3mm, OD).

15A 125V, 250V & 277; 20A125V, 250V; 20A 125/250V; 20A 3Ø 250V, 480V

LEVITON

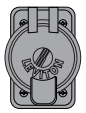
ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White,neutral	#18 - #10 AWG	Ratings & NEMA I.D. permanently marked on device	.245" - .700"

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No. 42	NOM
✓	✓	✓	#E13393 Plugs, Connectors #E13399 Receptacles	#LR-406	#057

LEXAN FLIP LID COVER
For use with 15 & 20 Amp Straight Blade or 15 Amp Locking devices.



WP1

52CM-66C

52CM-69C

5361-CR

52CM-62

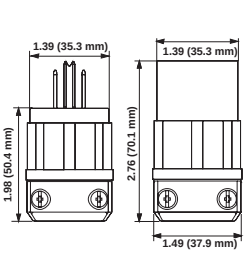
47CM-20C

47CM-29C

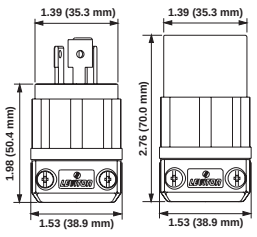
47CM-10

TYPE	STRAIGHT BLADE PLUG	STRAIGHT BLADE CONNECTOR	STRAIGHT BLADE SINGLE RECEPTACLE	STRAIGHT BLADE DUPLEX RECEPTACLE	LOCKING PLUG	LOCKING CONNECTOR	LOCKING SINGLE RECEPTACLE
15A 125V NEMA 5-15P AND 5-15R; L5-15P AND L5-15R, 2-P 3-W, Grounding							
Yellow	52CM-66C	52CM-69C	5261-CR	52CM-62	47CM-20C	47CM-29C	47CM-10
15A 250V NEMA 6-15P AND 6-15R; L6-15P AND L6-15R, 2-P 3-W, Grounding							
Yellow	–	–	5661-CR	–	45CM-70C	45CM-79C	45CM-60
15A 277V AC NEMA L7-15P AND L7-15R, 2-P 3-W, Grounding							
Yellow	–	–	–	–	–	–	47CM-60
20A 125V NEMA 5-20P AND 5-20R; L5-20P AND L5-20R, 2-P 3-W, Grounding							
Yellow	53CM-66C	53CM-69C	5361-CR	53CM-62	23CM-11	23CM-13	23CM-10
20A 250V NEMA 6-20P AND 6-20R; L6-20P AND L6-20R, 2-P 3-W, Grounding							
Yellow	–	–	5461-CR	–	–	–	23CM-20
20A 277V AC NEMA L7-20P, L7-20R, 2-P 3-W, Grounding							
Yellow	–	–	–	–	–	–	23CM-30
20A 125/250V NEMA L14-20P,L14-20R, 3-P 4-W, Grounding							
Yellow	–	–	–	–	–	–	24CM-10
20A 3Ø 250V NEMA L15-20P, L15-20R, 3-P 4-W, Grounding							
Yellow	–	–	–	–	–	–	24CM-20
20A 3Ø 480V NEMA L16-20P, L16-20R, 3-P 4-W, Grounding							
Yellow	–	–	–	–	–	–	24CM-30

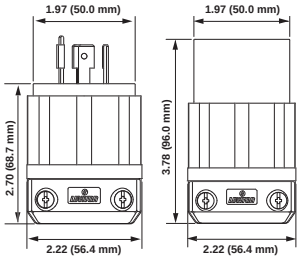
TYPE	THERMOPLASTIC ELASTOMER PLUG BOOT				THERMOPLASTIC ELASTOMER CONNECTOR BOOT			
	For 15A & 20A Straight Blade	For 15A Locking	For 20A Locking		For 15A & 20A Straight Blade	For 15A Locking	For 20A Locking	
Black Yellow	6017 6017-Y	6017-L 6017-LY	6031 6031-Y		6018 6018-Y	6018-L 6018-LY	6032 6032-Y	



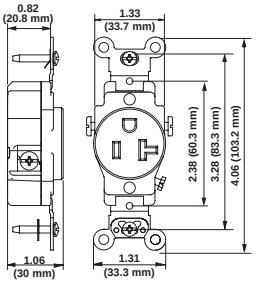
STRAIGHT BLADE PLUGS & CONNECTORS



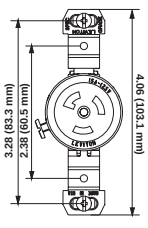
15 AMP LOCKING PLUGS & CONNECTORS



20 AMP LOCKING PLUGS & CONNECTORS



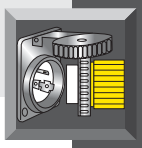
STRAIGHT BLADE SINGLE RECEPTACLE



LOCKING SINGLE RECEPTACLE

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

30A 125V & 250V; 30A 125/250V; 30A 3Ø 250V



ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White, neutral	#18 - #10 AWG	Ratings & NEMA I.D. permanently marked on device	.245" - .700"

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No. 42	NOM
✔	✔	✔	E13393 Plugs, Connectors E13399 Receptacles	–	#057

Plugs and connectors pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion.

26CM-11

26CM-13

26CM-10

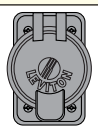
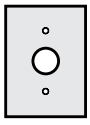
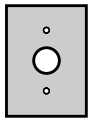
SS303

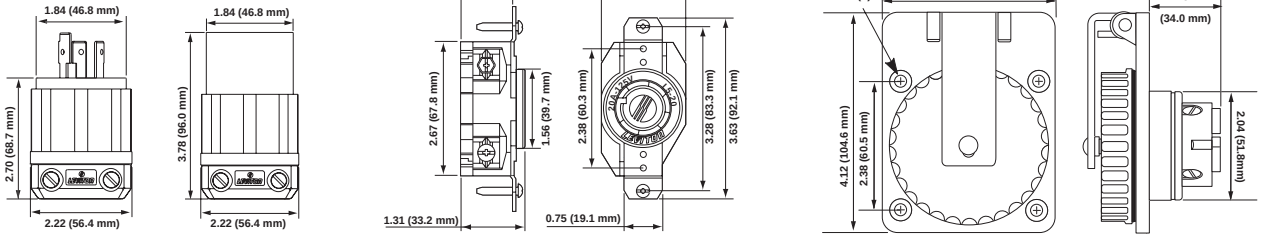
TYPE	LOCKING PLUG	LOCKING CONNECTOR	LOCKING SINGLE FLUSH RECEPTACLE	STAINLESS STEEL POWER INLET w/ THREADED CAP
30A 125V NEMA L5-30P AND L5-30R, 2-P 3-W, Grounding				
Yellow	26CM-11	26CM-13	26CM-10	–
316 Stainless Steel	–	–	–	SS303
30A 250V NEMA L6-30P AND L6-30R, 2-P 3-W, Grounding				
Yellow	26CM-21	26CM-23	26CM-20	–
30A 125/250V NEMA L14-30P AND L14-30R, 3-P 4-W, Grounding				
Yellow	–	–	27CM-10	–
30A 3ø 250V NEMA L15-30R, 3-P 4-W, Grounding				
Yellow	–	–	27CM-20	–

SS303

The installation of hull power inlets by boat builders requires compliance with the USCG Regulations covering Electrical Systems, 33CFR 183, Subpart 1, as well as the standards of the National Fire Protection Association, NFPA 302, Chapter 8, and the American Boat and Yacht Council's Standards and Recommended Practices for small craft, Project E-8.

TYPE	THERMOPLASTIC ELASTOMER PLUG BOOT		THERMOPLASTIC ELASTOMER CONNECTOR BOOT	
Black Yellow	6031 6031-Y		6032 6032-Y	

LEXAN FLIP LID COVERS			NYLON WALLPLATES	302 STAINLESS STEEL WALLPLATES
	IP64 Rated For Single Locking Receptacles			
WP2 For 30A Locking		**7420-CR** For 30A Locking	**80720-GY** Receptacle	**84020-40** Receptacle



PLUGS CONNECTORS RECEPTACLES POWER INLET

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

50A 125V; 50A 125/250V

LEVITON

Industrial Grade, Locking

NON-NEMA 50A 125V

NON-NEMA 50A 125/250V

ELECTRICAL		
DIELECTRIC VOLTAGE	CURRENT INTERR.	TEMP. RISE
Withstands 2000V per UL 498	Full rated current	Max 30°C after 250 cycles of overload at 200% of rated current

MECHANICAL			
TERMINAL I.D.	TERMINAL ACCOMM.	PRODUCT I.D.	CORD GRIP RANGE
Brass, hot Grounding White, neutral	#10 - #6 AWG	Ratings & NEMA I.D. permanently marked on device	.680" - 1.125"

ENVIRONMENTAL		
FLAMMABILITY	OPERATING TEMP.	
Rated V-2 per UL 94	Plugs & Connectors 125°C Continuous	Receptacles 130°C Continuous

STANDARDS & CERTIFICATIONS					
NEMA WD-6	ANSI C-73	UL 498	UL Fed Spec Listed WC-596	CSA C22.2 No. 42	NOM
✓	✓	✓	E57672 Plugs, Connectors E111198 Receptacles	–	#057

Plugs and connectors pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion.

6361-CR

6364-CR

6370-CR

6372-CR

TYPE	PLUG	CONNECTOR	SINGLE FLUSH RECEPTACLE	STAINLESS STEEL POWER INLET w/ THREADED CAP
50A 125V Non-NEMA, 2-P 3-W, Grounding				
Yellow & White	6361-CR	6360-CR	–	–
All Yellow	–	–	6370-CR	–
316 Stainless Steel	–	–	–	6372-CR
50A 125/250V Non-NEMA, 3-P 4-W, Grounding				
Yellow & White	6365-CR	6364-CR	–	–
All Yellow	–	–	6369-CR	–
316 Stainless Steel	–	–	–	6374-CR

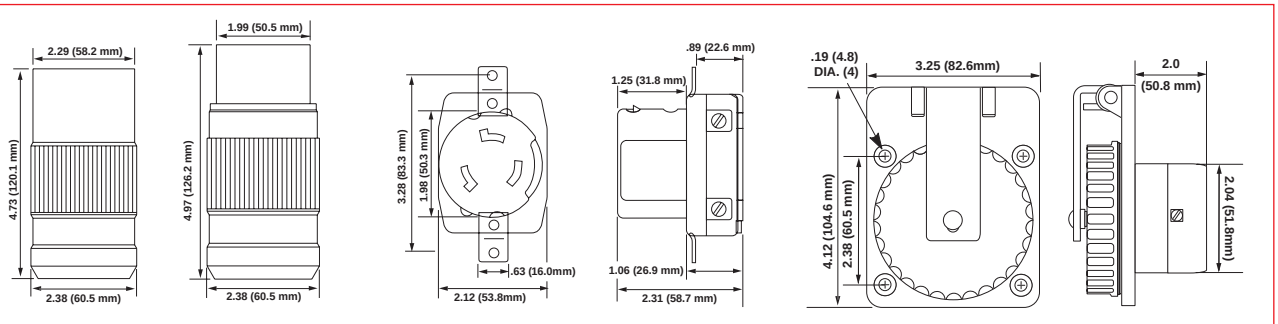
6372-CR

The installation of hull power inlets by boat builders requires compliance with the USCG Regulations covering Electrical Systems, 33CFR 183, Subpart 1, as well as the standards of the National Fire Protection Association, NFPA 302, Chapter 8, and the American Boat and Yacht Council's Standards and Recommended Practices for small craft, Project E-8.

Accessories

TYPE	PLUG BOOT	CONNECTOR BOOT	SINGLE LOCKING COLLAR
Yellow	7717-CR	7715-CR	510-R

YELLOW LEXAN FLIP LID COVER	
IP64 Rated For Single Locking Receptacles **7788-CR**	



PLUGS CONNECTORS RECEPTACLES POWER INLETS

J SECTION

Pin & Sleeve, Mechanical Interlock & Disconnect Switches

Pin & Sleeve Device Features

LEVITON

North American Watertight Pin & Sleeve Devices

IEC 309-1 & 309-2

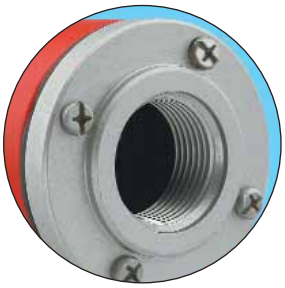
2 YEAR LIMITED WARRANTY

The Watertight Line: North American-Rated Devices

Superior Connection…Superior Protection

Features and Benefits

- Rugged housing, made of superior performance Valox® 357, provides maximum corrosion protection and makes the device resistant to impact and abuse; greater resistance to temperature extremes, V-0 flame rated and superior UV stability.
- Contact carrier resists arcing and internal heat build-up; 60 and 100 Amp contact/pin carriers are made of reinforced nylon for even greater strength and temperature resistance.
- Solid brass terminal screws on 20A, 30A & 60A devices provide maximum clamping pressure.
- Stainless steel terminal screws and terminals on 100A devices provide corrosion resistance in caustic environments.
- Dependable, clean brass construction for long life, reliable electrical contact, maximum conductivity, and corrosion resistance.
- Watertight Chloroprene onion skin grommet provides a precise, reliable seal at the cable entry point.
- Ground, neutral and phase terminals are clearly identified by color coding or letters and numbering on both front & back sides.
- Multiple contact points assure a continuously reliable electrical connection.



Accepts liquid-tight conduit with adapter accessory - See page J21

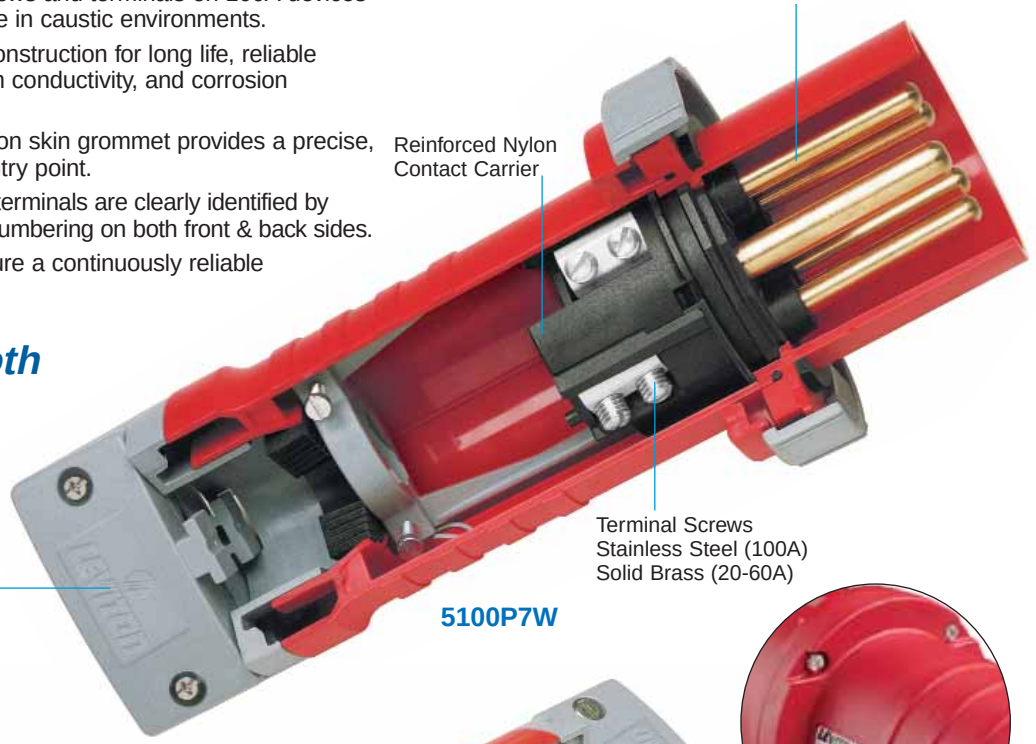
Engineered to IP67 Watertight Standards

North American Rated Devices 20, 30, 60 & 100 Amp

RoHS

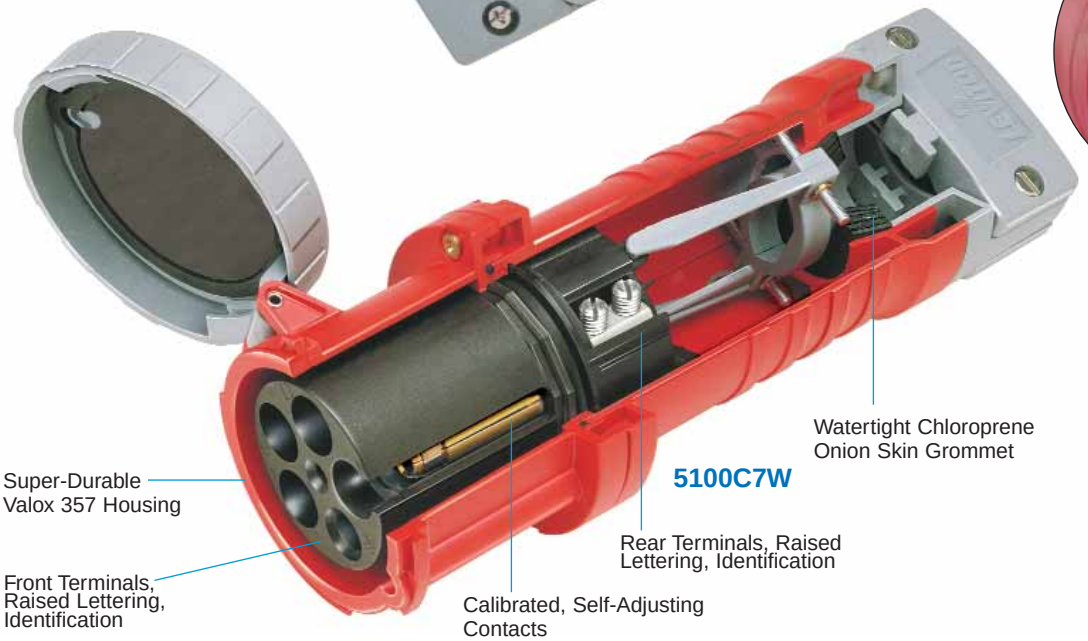
North American Pin & Sleeve Devices are being phased in as RoHS compliant products

UL Rated for Both 50 and 60 Hz Applications.



5100P7W

New deep slotted combination head screws offer flexibility for screwdriver selection and better accommodate torque forces applied during assembly.



5100C7W

Rockwell Automation Encompass Product Partner Americas

Valox® is a registered trademark of GE.

Pin & Sleeve Device Features

North American Watertight Pin & Sleeve Devices

IEC 309-1 & 309-2

Super Tough Housing

- Provides maximum protection from abuse and environment
- Heavy-wall molding of Valox® 357 resists impact, heat, flame and chemicals
- Superior performance in low-to-high ambient temperature extremes (-40˚C to 60˚C)
- Excellent UV stability for superior outdoor performance (UL1682)
- V-0 flammability rating
- Fully insulated
- Color-coded by voltage for easy identification

Pin & Contact Carrier 60 & 100 Amp

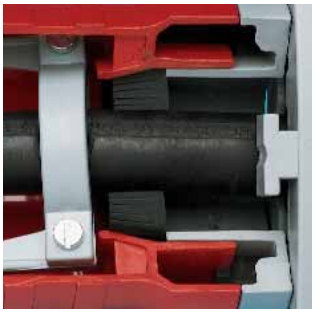
- Protects pins & contacts, holding them firmly in place
- Pin Carrier and Contact Carrier constructed of glass fiber reinforced nylon for maximum impact resistance and maximum protection of pins and contacts
- Superior arc-tracking resistance
- Excellent heat-resistance and flame-resistance
- Chamfered wire entry makes wiring easier

External Cord Clamp

- Protects terminals from strain
- Accommodates a wide variety of cord sizes
- Excellent impact strength
- Excellent UV stability for superior outdoor performance (UL1682)
- V-0 flammability rating

Pin & Contact Carrier 20 & 30 Amp

- Pin Carrier and Contact Carrier constructed of nylon for maximum impact resistance and maximum protection of pins and contacts
- Terminal screws are aligned on a single plane for easier access
- Internal hinged cord clamp adds strain-relief and swings aside when wiring terminals
- Large diameter combination head terminal screws



Internal Cord Clamp

- Secondary method for eliminating strain on terminals and conductors
- True IEC 309-1 & 309-2 acceptance
- Constructed of sturdy thermoplastic for tough environments
- Removes easily for user convenience

Pins

- Designed for manageable insertion/withdrawal force
- Clean brass construction resists corrosion, provides superior contact and low electrical resistance
- Rounded tips reduce insertion force and decrease wear on the contact surface area

Spring Loaded Cover, Cover Arm, & Locking Rings

- Rings lock plug to connector
- Spring loaded cover closes automatically
- "Performance grade" Stainless Steel cover spring for superior corrosion-resistance and long life
- Excellent UV stability for outdoor use
- V-0 flammability rating
- Interior arm design in 60 and 100 Amp helps eliminate breakage

Sleeves (Contacts)

- Designed for manageable insertion/withdrawal force
- Clean brass construction resists corrosion, provides superior contact and low electrical resistance
- Self-adjusting, machine-calibrated contacts for accurate contact pressure designed for superior wiping and cleaning action
- Made from high performance Swedish Industrial Standard (SIS) Brass 5170-04
- Positioned at sleeve entrance, stainless steel spring enables pin cleaning at earliest point of entry

Gasket/Grommet

- Prevents moisture, dust, and contaminants from entering housing or pin/contact carrier
- Solid Chloroprene for positive seal and excellent chemical/corrosion-resistance
- Onion skin design on grommet provides precise watertight fit, eliminating the need to choose from multiple grommets that may not fit the cable jacket precisely

Terminal Screws

- Engineered to provide maximum holding power and lowest electrical resistance
- Accepts a wide range of conductors
- Double screws ensure secure connection
- Direct bearing pressure terminals for 20, 30 and 60 Amp ratings; pressure clamp termination for 100 Amp devices
- Stainless steel terminal screws and terminals for top performance on 100 Amp

Valox® is a registered trademark of GE.

LEVITON

North American Watertight Pin & Sleeve Devices

2 YEAR LIMITED WARRANTY

WIRE SIZES						
DEVICE	FROM			TO		
	AWG	COND	TYPE	AWG	COND	TYPE
20A	#14	3	S	#12	3	S
20A	#14	4	S	#12	4	S
20A	#14	5	S	#12	5	S
30A	#12	3	S	#10	3	SorW
30A	#12	4	S	#10	4	SorW
30A	#12	5	S	#10	5	SorW

Engineered to IP67 Watertight Standards

320P4W Plug

320C4W Connector

420R9W Receptacle

320C4W Inlet

320C4W Back Box

North American Devices, IEC 309-1 & 309-2

AMPS	WIRING	VOLTAGE AC	CONNECTOR/ RECEPTACLE	PLUG/ INLET	PLUG	CONNECTOR	RECEPTACLE	INLET	BACK BOX
20	2p3w	125			320P4W	320C4W	320R4W	320B4W	BX230-V
	2p3w	250			320P6W	320C6W	320R6W	320B6W	BX230-V
	2p3w	480			320P7W	320C7W	320R7W	320B7W	BX230-V
	3p4w	125/250			420P12W	420C12W	420R12W	420B12W	BX230-V
	3p4w	3Ø250			420P9W	420C9W	420R9W	420B9W	BX230-V
	3p4w	3Ø480			420P7W	420C7W	420R7W	420B7W	BX230-V
	3p4w	3Ø600			420P5W	420C5W	420R5W	420B5W	BX230-V
	4p5w	3ØY120/208			520P9W	520C9W	520R9W	520B9W	BX230-V
	4p5w	3ØY277/480			520P7W	520C7W	520R7W	520B7W	BX230-V
	4p5w	3ØY347/600			520P5W	520C5W	520R5W	520B5W	BX230-V
30	2p3w	125			330P4W	330C4W	330R4W	330B4W	BX230-V
	2p3w	250			330P6W	330C6W	330R6W	330B6W	BX230-V
	2p3w	480			330P7W	330C7W	330R7W	330B7W	BX230-V
	3p4w	125/250			430P12W	430C12W	430R12W	430B12W	BX230-V
	3p4w	3Ø250			430P9W	430C9W	430R9W	430B9W	BX230-V
	3p4w	3Ø480			430P7W	430C7W	430R7W	430B7W	BX230-V
	3p4w	3Ø600			430P5W	430C5W	430R5W	430B5W	BX230-V
	4p5w	3ØY120/208			530P9W	530C9W	530R9W	530B9W	BX230-V
	4p5w	3ØY277/480			530P7W	530C7W	530R7W	530B7W	BX230-V
	4p5w	3ØY347/600			530P5W	530C5W	530R5W	530B5W	BX230-V

Additional information for Back Boxes and Accessories can be found on pages J20 & J21.

North American Watertight Pin & Sleeve Devices

2 YEAR LIMITED WARRANTY

4100P12W Plug | 4100C12W Connector | 360R6W Receptacle | 360B7W Inlet | BX100-V Back Box

WIRE SIZES						
DEVICE	FROM			TO		
	AWG	COND	TYPE	AWG	COND	TYPE
60A	#8	3	SorW	#4	3	W
60A	#8	4	SorW	#4	4	W
60A	#8	5	SorW	#4	5	W
100A	#3	3	W	#1	3	W
100A	#3	4	W	#1	4	W
100A	#3	5	W	#1	5	W

Engineered to IP67 Watertight Standards

North American Devices, IEC 309-1 & 309-2

AMPS	WIRING	VOLTAGE AC	CONNECTOR/ RECEPTACLE	PLUG/ INLET	PLUG	CONNECTOR	RECEPTACLE	INLET	BACK BOX
60	2p3w	125			360P4W	360C4W	360R4W	360B4W	BX60-V
	2p3w	250			360P6W	360C6W	360R6W	360B6W	BX60-V
	2p3w	480			360P7W	360C7W	360R7W	360B7W	BX60-V
	3p4w	125/250			460P12W	460C12W	460R12W	460B12W	BX60-V
	3p4w	3Ø250			460P9W	460C9W	460R9W	460B9W	BX60-V
	3p4w	3Ø480			460P7W	460C7W	460R7W	460B7W	BX60-V
	3p4w	3Ø600			460P5W	460C5W	460R5W	460B5W	BX60-V
	4p5w	3ØY120/208			560P9W	560C9W	560R9W	560B9W	BX60-V
	4p5w	3ØY277/480			560P7W	560C7W	560R7W	560B7W	BX60-V
	4p5w	3ØY347/600			560P5W	560C5W	560R5W	560B5W	BX60-V
100	2p3w	125			3100P4W	3100C4W	3100R4W	3100B4W	BX100-V
	2p3w	250			3100P6W	3100C6W	3100R6W	3100B6W	BX100-V
	2p3w	480			3100P7W	3100C7W	3100R7W	3100B7W	BX100-V
	3p4w	125/250			4100P12W	4100C12W	4100R12W	4100B12W	BX100-V
	3p4w	3Ø250			4100P9W	4100C9W	4100R9W	4100B9W	BX100-V
	3p4w	3Ø480			4100P7W	4100C7W	4100R7W	4100B7W	BX100-V
	3p4w	3Ø600			4100P5W	4100C5W	4100R5W	4100B5W	BX100-V
	4p5w	3ØY120/208			5100P9W	5100C9W	5100R9W	5100B9W	BX100-V
	4p5w	3ØY277/480			5100P7W	5100C7W	5100R7W	5100B7W	BX100-V
	4p5w	3ØY347/600			5100P5W	5100C5W	5100R5W	5100B5W	BX100-V

Additional information for Back Boxes and Accessories can be found on pages J20 & J21.

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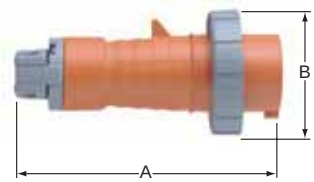
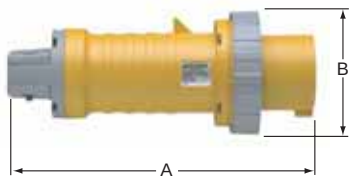
North American Watertight Pin & Sleeve Devices

2 YEAR LIMITED WARRANTY

Plug Dimensions



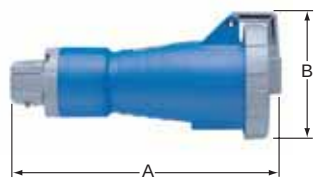
20A, 30A
Plug



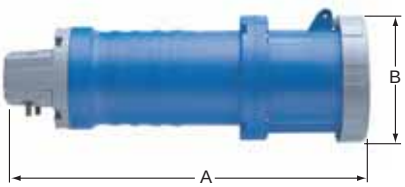
60A, 100A
Plug

CATALOG NO.	AMPS	UNIT	A	B	CORD GRIP RANGE
320P	20	inch	5.83	2.80	.350 –.860
		mm	148	71	9 – 22
420P	20	inch	6.46	3.11	.350 –.860
		mm	164	79	9 – 22
520P	20	inch	6.61	3.43	.437 –1.187
		mm	168	87	11 – 30
330P	30	inch	6.85	3.70	.437 –1.187
		mm	174	94	11 – 30
430P	30	inch	6.85	3.70	.437 –1.187
		mm	174	94	11 – 30
530P	30	inch	7.40	3.98	.437 –1.450
		mm	188	101	11 – 37
360P	60	inch	10.83	4.49	.670 –1.625
		mm	275	114	17 – 41
460P	60	inch	10.83	4.49	.670 –1.625
		mm	275	114	17 – 41
560P	60	inch	10.83	4.49	.670 –1.625
		mm	275	114	17 – 41
3100P	100	inch	12.3	5	.950 –1.875
		mm	312	127	24 – 48
4100P	100	inch	12.3	5	.950 –1.875
		mm	312	127	24 – 48
5100P	100	inch	12.3	5	.950 –1.875
		mm	312	127	24 – 48

Connector Dimensions



20A, 30A
Connector



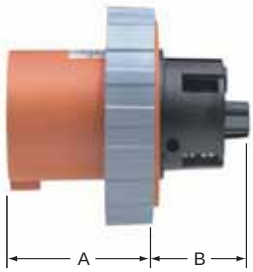
60A, 100A
Connector

CATALOG NO.	AMPS	UNIT	A	B	CORD GRIP RANGE
320C	20	inch	6.73	3.19	.350 –.860
		mm	171	81	9 – 22
420C	20	inch	7.36	3.46	.350 – .860
		mm	187	88	9 – 22
520C	20	inch	7.95	3.82	.437 –1.187
		mm	202	97	11 – 30
330C	30	inch	7.95	4.02	.437 –1.187
		mm	202	102	11 – 30
430C	30	inch	7.95	4.02	.437 –1.187
		mm	202	102	11 – 30
530C	30	inch	8.27	4.29	.437 –1.450
		mm	210	109	11 – 37
360C	60	inch	11.26	4.41	.670 –1.625
		mm	286	112	17 – 41
460C	60	inch	11.26	4.41	.670 –1.625
		mm	286	112	17 – 41
560C	60	inch	11.26	4.41	.670 –1.625
		mm	286	112	17 – 41
3100C	100	inch	12.8	4.84	.950 –1.875
		mm	325	123	24 – 48
4100C	100	inch	12.8	4.84	.950 – 1.875
		mm	325	123	24 – 48
5100C	100	inch	12.8	4.84	.950 –1.875
		mm	325	123	24 – 48

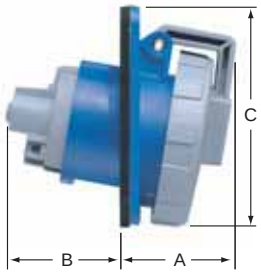
2 YEAR LIMITED WARRANTY

North American Watertight Pin & Sleeve Devices

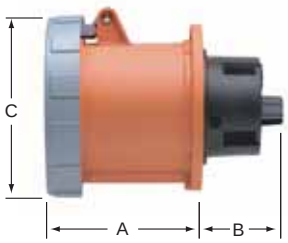
20A, 30A
Inlet



60A, 100A
Inlet



20A, 30A
Receptacle



60A, 100A
Receptacle

Inlet Dimensions

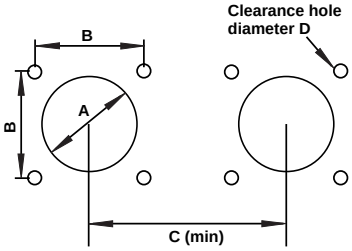
CATALOG NO.	AMPS	UNIT	A	B
320B	20	inch	1.85	0.39
		mm	47	10
420B	20	inch	2.09	0.39
		mm	53	10
520B	20	inch	2.32	0.39
		mm	59	10
330B	30	inch	2.36	0.47
		mm	60	12
430B	30	inch	2.36	0.47
		mm	60	12
530B	30	inch	2.64	.47
		mm	67	12
360B	60	inch	3.15	1.97
		mm	80	50
460B	60	inch	3.15	1.97
		mm	80	50
560B	60	inch	3.15	1.97
		mm	80	50
3100B	100	inch	3.50	2.21
		mm	89	56
4100B	100	inch	3.50	2.21
		mm	89	56
5100B	100	inch	3.50	2.21
		mm	89	56

Receptacle Dimensions

CATALOG NO.	AMPS	UNIT	A	B	C
320R	20	inch	1.77	2.24	3.74
		mm	45	57	95
420R	20	inch	1.77	2.24	3.74
		mm	45	57	95
520R	20	inch	1.85	2.24	3.90
		mm	47	57	99
330R	30	inch	2.20	2.40	4.10
		mm	56	61	104
430R	30	inch	2.20	2.40	4.10
		mm	56	61	104
530R	30	inch	2.20	2.44	4.37
		mm	56	62	111
360R	60	inch	3.50	1.89	4.37
		mm	89	48	111
460R	60	inch	3.50	1.89	4.37
		mm	89	48	111
560R	60	inch	3.50	1.89	4.37
		mm	89	48	111
3100R	100	inch	3.94	2.28	4.80
		mm	100	58	122
4100R	100	inch	3.94	2.28	4.80
		mm	100	58	122
5100R	100	inch	3.94	2.28	4.80
		mm	100	58	122

Drilling Plan

Inlets & Receptacles



DEVICE SIZE		A inches	A mm	B inches	B mm	C (min) inches	C (min) mm	D inches	D mm
20A; 3-wire:	Receptacle	3.26	83	3.12	79.5	3.94	100	0.185	4.7
	Inlet	3.26	83	3.12	79.5	3.94	100	0.185	4.7
20A; 4-wire:	Receptacle	3.26	83	3.12	79.5	4.33	110	0.185	4.7
	Inlet	3.26	83	3.12	79.5	4.33	110	0.185	4.7
20A; 5-wire:	Receptacle	3.26	83	3.12	79.5	4.92	125	0.236	6.0
	Inlet	3.26	83	3.12	79.5	4.92	125	0.185	4.7
30A; 3-wire:	Receptacle	3.26	83	3.12	79.5	5.12	130	0.236	6.0
	Inlet	3.26	83	3.12	79.5	5.12	130	0.185	4.7
30A; 4-wire:	Receptacle	3.26	83	3.12	79.5	5.12	130	0.236	6.0
	Inlet	3.26	83	3.12	79.5	5.12	130	0.185	4.7
30A; 5-wire:	Receptacle	3.26	83	3.12	79.5	5.71	145	0.236	6.0
	Inlet	3.26	83	3.12	79.5	5.71	145	0.185	4.7
60A	All	2.76	70	2.40	61	6.69	170	0.224	5.7
100A	All	3.47	88	2.80	71	7.87	200	0.280	7.1

LEVITON

North American Watertight Pin & Sleeve Devices

2 YEAR LIMITED WARRANTY

Engineered to IP67 Watertight Standards

Rockwell Automation Encompass Product Partner

- Listed to UL 1682 and 1686
- Certified to CSA Standard C22.2 number 182.1
- Classified to IEC Standards 309-1 and 309-2 for both North American-rated and International-rated voltages and services
- CE marking per low-voltage directives 73/23/EEC, 93/68/EEC

4100P12W 4100C12W

Material Specifications

Inlets

PART	MATERIAL
Housing	Valox® 357
Locking Ring	Valox 357
Mounting Flange	Valox 357
Contact Carrier	Nylon for 20 and 30 Amp devices; Reinforced nylon for 60 and 100 Amp devices
Phase, Ground Pins	Brass
20, 30, 60A Terminal Screws	Brass
100A Terminal Screws	Stainless Steel
Sealing Gasket	Solid Chloroprene

Connectors

PART	MATERIAL
Housing	Valox 357
Internal Cord Clamp Asmbly	Thermoplastic
External Cord Clamp Asmbly	Valox 357
Gland Cap	Valox 357
Grommet	Chloroprene Onion Skin
Cover with Arm	Valox 357
Arm Spring	"Performance Grade" Stainless Steel
Cover Eyelet	Nickel-Plated Brass
Sealing Gasket	Solid Chloroprene
Contact Carrier	Nylon for 20 and 30 Amp devices; Reinforced nylon for 60 and 100 Amp devices
Phase, Ground Sleeve	Brass
Sleeve Spring	Stainless Steel
20, 30, 60A Terminal Screws	Brass
100A Terminal Screws	Stainless Steel
Internal Screws	Zinc-plated Steel
External Screws	Acid-proof Stainless Steel

Plugs

PART	MATERIAL
Housing	Valox 357
Locking Ring	Valox 357
Sealing Gasket	Solid Chloroprene
Internal Cord Clamp Asmbly	Thermoplastic
External Cord Clamp Asmbly	Valox 357
Gland Cap	Valox 357
Grommet	Chloroprene Onion Skin
Contact Carrier	Nylon for 20 and 30 Amp devices; Reinforced nylon for 60 and 100 Amp devices
Ground, Phase Pins	Brass
20, 30, 60A Terminal Screws	Brass
100A Terminal Screws	Stainless Steel
Internal Screws	Zinc-plated Steel
External Screws	Acid-proof Stainless Steel

Receptacles

PART	MATERIAL
Housing	Valox 357
Mounting Flange	Valox 357
Cover with Arm	Valox 357
Arm Spring	"Performance Grade" Stainless Steel
Cover Eyelet	Nickel-Plated Brass
Sealing Gasket	Solid Chloroprene
20, 30, 60A Terminal Screws	Brass
100A Terminal Screws	Stainless Steel
Phase, Ground Sleeves	Brass
Sleeve Spring	Stainless Steel

Valox® is a registered trademark of GE.

STANDARDS & CERTIFICATIONS				
Pin & Sleeve: Inlets, Connectors, Plugs, Receptacles				
UL 1682 & 1686	CSA C22.2 No. 182.1	NOM	CE	IEC 309-1 & 309-2
E164321 & E164322	LR700925	✓	✓	✓

2 YEAR LIMITED WARRANTY

North American Watertight Pin & Sleeve Devices

460P7W 460C12W

Engineered to IP67 Watertight Standards

Performance Specifications – UL 1682 & 1686

Electrical

Dielectric Voltage	Devices rated≤ 300V: 2000V for 1 min. Devices rated >300V: 3000V for 1 min.
Insulation Resistance	500 V for 1 min. Insulation Resistance ≥ 5 megohms
Ground Path Current	Apply high current for short time (See Table 1) and maintain continuity
Overload	150% of rated current and 100% of rated voltage for 50 cycles (Power factor 0.75–0.80)
Current Interrupting	Certified for current interrupting at full-rated current and voltage
Temperature Rise	Max 30°C rise at full rated current (after overload)
Resistance to Arcing	Continuation of overload for additional 200 cycles
Endurance with Load	Device # Cycles with Load
	20A 5000 Rated Current,Voltage 30A,60A 1000 Rated Current,Voltage 100A 250 Rated Current,Voltage
	(Power Factor 0.75 - 0.80)

Mechanical

Mold Stress Relief	70°C for 7 hrs
Humidity	32°C, 93% humidity, 168 hrs
Cable Secureness	Pull force and apply torque for 1 minute (See Table 2)
Impact	Drop from 30" 8 times after conditioning to -25°C, for 6 hrs
Crush	250 lbs for 1 min after -25°C for 6 hrs
Withdrawal Force	Pull for one minute (See Table 3)
Strength of Insulating Base and Support	110% of specified tightening torque on terminal screws
Endurance	Device Total # Cycles (connect & disconnect)
	20A 5000 30A,60A 2000 100A 500
Polarization Integrity	Matching devices will not mate so that ground is energized even when polarization feature is removed and 40-lb insertion force applied

Environmental

Flammability	V-2 or better on 20 and 30 Amp devices per UL 94 or CSA 22.2 No 0.6 ; V-0 on 60 & 100 Amp devices
Resistance to Corrosion	Ferrous parts immersed in 10% ammonium chloride solution at 20°C for 10 minutes
Moisture Resistance per UL 1682	Watertight: Device immersed for 24 hrs in 5 cm of 25°C water Splashproof: 1" dia. water stream at 15 PSI from 10 ft. for 5 minutes
UV Resistance	Exposed plastic materials are UV stabilized

Short-Time Grounding Test Currents

Device Rating, Amperes	Minimum Size Equipment Grounding Conductor (Copper) AWG	(mm2)	Time, Seconds	Test Current, Amperes
20	12	(3.3)	4	470
30	10	(5.3)	4	750
60	10	(5.3)	4	750
100	8	(8.4)	4	1180

Ground-path integrity is of critical importance to safe operation of industrial equipment. Leviton pin and sleeve devices are tested by applying a test current through their ground path that far exceeds the device rating. All devices are properly wired and connected to line current at rated values. Then the ground path is subjected to a dramatic, sudden increase in current for 4 seconds. In all cases, the ground pin, sleeve, and terminals of the devices must sustain the test current, continue to function properly, and show no evidence of damage or deterioration in any electrical or mechanical elements of the ground path. Test current values and test parameters are displayed in the above chart.

Cord Secureness Test Values

Device Rating, Amperes	Force lb	N	Torque ft-lb	N•M	Maximum Displacement inches	mm
20	30	133	0.4	0.54	≤ 3/32	2.38
30	75	333	0.5	0.68	≤ 3/32	2.38
60	150	667	1.0	1.4	≤ 3/32	2.38
100	150	667	2.0	2.7	≤ 3/32	2.38

Heavy cord stress is typical of industrial applications. To assure you of top performance, Leviton pin and sleeve devices are subjected to a punishing series of tests to confirm they can absorb heavy cord pulls. The cord conductors wired to devices are simultaneously twisted and pulled. Values for the applied twisting torque and force of pull are shown above. In all cases, the cord displacement is less than 3/32 inches.

Minimum Withdrawal Force

Device Rating, Amperes	Minimum Withdrawal Force lb	N
20	5	22
30	6	27
60	15	67
100	20	89

In industrial settings, inadvertent disconnection of power can be troublesome at best, dangerous at worst, and unacceptable in any case. To verify that Leviton pin and sleeve plugs and connectors remain securely connected, they are tested to establish the minimum force required for withdrawal. In establishing these minimum withdrawal forces, the plugs and connectors are properly mated, but not locked with locking rings or other mechanical means. The pins and sleeves provide the only resistance to the force of withdrawal. In all cases, the values in the table above show the minimum force required to separate the plugs and connectors.

Mechanical Interlock Features

LEVITON

North American Watertight Pin & Sleeve Devices

IEC 309-1 & 309-2

2 YEAR LIMITED WARRANTY

Type 3R, 4X and 12K
IP67

Engineered to UL & IEC Watertight Standards

PowerSwitch BY LEVITON

560MI7W
60 Amp

Fused Models Accept "Class J" Time-Delay Fuses

420MI9W
20 Amp

420MF9W
20 Amp, Fused

PowerSwitch Mechanical Interlocks

- **20 Amp Non-Fused & Fused**
- **30 Amp Non-Fused & Fused**
- **60 Amp Non-Fused & Fused**
- **100 Amp Non-Fused**

PowerSwitch Mechanical Interlock devices incorporate a disconnect safety switch and IEC receptacle in a non-metallic watertight enclosure. The interlock mechanism prevents making and breaking of power under load. "The switch cannot be actuated to the **ON** position until an IEC compatible plug is fully inserted, and the plug cannot be removed until the switch is in the **OFF** position."

The complete IEC 309-1 and 309-2 system of plugs, connectors, inlets and mechanical interlock devices can be used for both retrofit and new installations, enhancing safety and performance in critical power connections.

Mechanical Interlock Features

North American Watertight Mechanical Interlocks

2 YEAR LIMITED WARRANTY

Fused Models Accept "Class J" Time-Delay Fuses

Liquid-tight conduit fitting can be installed for top or bottom feed

One fitting supplied:
- 20-30 Amp - 3/4"
- 60 Amp - 1-1/4"
- 100 Amp - 1-1/2"

Stainless steel screws are captive and will not fall out when cover is opened

Impact, UV and chemical-resistant Valox® enclosure rated to UL and IEC watertight standards
- Type 3R, 4X & 12K
- IP67

420MF9W

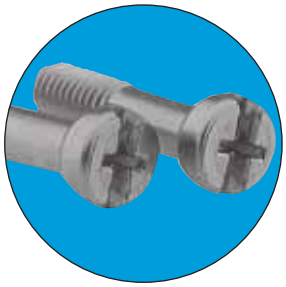
Red "pistol grip" handle provides visual confirmation of switch's status

Integrated lockout handle meets OSHA safety regulations

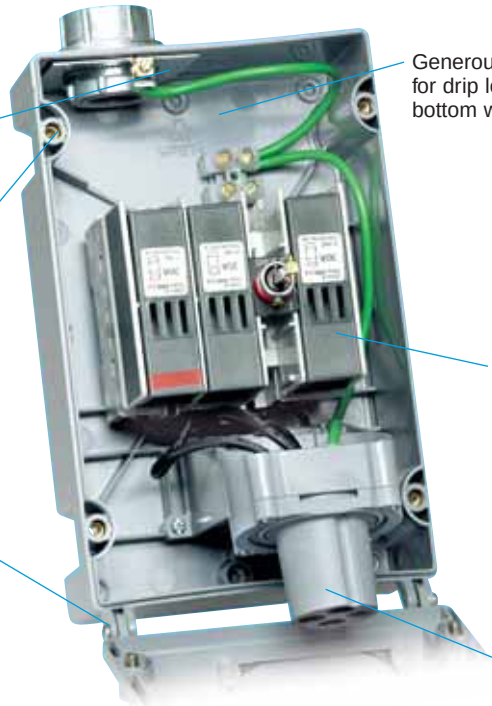
Handle with padlock installed

Circuit identification pad for means of identifying specific equipment loads

Color-coded receptacle cover indicates voltage rating of device and seals against water and other contaminants when not in use



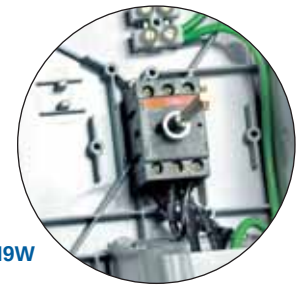
Cover Screws: *1-1/8" deep slotted, LG stainless steel.*
Mounting Screws: *10-24 x 1/2" deep slotted, LG stainless steel.*



Generous wiring space for drip loop or top to bottom wiring

Pre-wired grounding plate connects to metal conduit grounding system

Brass threaded inserts will not strip, provide higher torque, and form tighter seal between back box and cover



420MI9W

Compact non-fused mechanical interlocks are easy to wire

Disconnect switch with integrated fuse holder offers proven performance in a compact package
- Fused cartridges accept "Class J" fuses (not included)
- One factory installed auxiliary contact (normally opened - 10 Amp).
- Additional auxiliary contact available (normally closed - 10 Amp)
- Easily accessible neutral and ground terminal blocks

Rugged hinge mechanism pivots 180º for easy access during installation and maintenance

Pre-wired IEC receptacle accepts all manufacturers' IEC 309-2 plugs

PowerSwitch® BY LEVITON

420MF9W

Valox® is a registered trademark of GE.

STANDARDS & CERTIFICATIONS						
Mechanical Interlocks						
UL 231 & UL1686	UL 98 Fused	UL 508 Non-Fused	CSA C22.2 No. 182.1 & 14	NOM	CE	IEC 309-1 & 309-2
#E171391			LR700925	✓	✓	✓

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

LEVITON

North American Watertight Mechanical Interlocks

Non-Fused & Fused

2 YEAR LIMITED WARRANTY

PowerSwitch BY LEVITON

420MF9W

Fused Models Accept "Class J" Time-Delay Fuses

Engineered to UL & IEC Watertight Standards

Type 3R, 4X & 12K
IP67

					NON-FUSED		FUSED		
AMPS	WIRING	VOLTAGE AC	RECEPTACLE CONFIG.	PLUG CONFIG.	MECHANICAL INTERLOCK	HP RATING	MECHANICAL INTERLOCK	HP RATING	USE PLUG CAT. NO.
20	2p3w	240			320MI6W	3	–	–	320P6W
	2p3w	480			320MI7W	5	–	–	320P7W
	3p4w	125/250			420MI12W	*	420MF12W	*	420P12W
	3p4w	3Ø240			420MI9W	5	420MF9W	5	420P9W
	3p4w	3Ø480			420MI7W	10	420MF7W	10	420P7W
	3p4w	3Ø600			420MI5W	15	420MF5W	15	420P5W
	4p5w	3ØY120/208			520MI9W	5	–	–	520P9W
	4p5w	3ØY277/480			520MI7W	10	–	–	520P7W
	4p5w	3ØY347/600			520MI5W	15	–	–	520P5W
30	2p3w	240			330MI6W	5	–	–	330P6W
	2p3w	480			330MI7W	10	–	–	330P7W
	3p4w	125/250			430MI12W	*	430MF12W	*	430P12W
	3p4w	3Ø240			430MI9W	10	430MF9W	7.5	430P9W
	3p4w	3Ø480			430MI7W	20	430MF7W	15	430P7W
	3p4w	3Ø600			430MI5W	25	430MF5W	20	430P5W
	4p5w	3ØY120/208			530MI9W	10	–	–	530P9W
	4p5w	3ØY277/480			530MI7W	20	530MF7W	15	530P7W
	4p5w	3ØY347/600			530MI5W	25	530MF5W	20	530P5W

* Consult factory for your specific application.

VOLTS	MAX. HP RATINGS PER UL508 NON-FUSED SAFETY DISCONNECT SWITCHES		
	30 AMP	60 AMP	100AMP
120V AC	2	2	5
208V AC	5	20	25
240V AC	5	10	15
480V AC	10	20	25
600V AC	NA	20	20
3Ø Y120/208V AC	10	20	25
3Ø 240V AC	10	20	30
3Ø 480V AC	20	40	50
3Ø 600V AC	25	40	50

VOLTS	MAX. HP RATINGS PER UL508 FUSED SAFETY DISCONNECT SWITCHES	
	DS30-FAX	DS60-FAX
120V AC	2	NR
208V AC	7.5	15
240V AC	3	NR
480V AC	7.5	NR
600V AC	20	NR
3Ø Y 120/208V AC	7.5	15
3Ø 240V AC	7.5	15
3Ø 480V AC	15	30
3Ø 600V AC	20	50

NR = Not Rated NA = Not Available

2 YEAR LIMITED WARRANTY

North American Watertight Mechanical Interlocks

Non-Fused & Fused

PowerSwitch BY LEVITON

Fused Models Accept "Class J" Time-Delay Fuses

560MI7W

5100MB9W

Engineered to UL & IEC Watertight Standards

Type 3R, 4X & 12K
IP67

AMPS	WIRING	VOLTAGE AC	RECEPTACLE CONFIG.	PLUG CONFIG.	NON-FUSED MECHANICAL INTERLOCK	NON-FUSED HP RATING	FUSED MECHANICAL INTERLOCK	FUSED HP RATING	USE PLUG CAT. NO.
60	2p3w	240			360MI6W	10	360MF6W	*	360P6W
	2p3w	480			360MI7W	20	–	–	360P7W
	3p4w	125/250			460MI12W	*	460MF12W	*	460P12W
	3p4w	3Ø240			460MI9W	20	460MF9W	15	460P9W
	3p4w	3Ø480			460MI7W	40	460MF7W	30	460P7W
	3p4w	3Ø600			460MI5W	40	460MF5W	50	460P5W
	4p5w	3ØY120/208			560MI9W	20	560MF9W	15	560P9W
	4p5w	3ØY277/480			560MI7W	40	–	–	560P7W
	4p5w	3ØY347/600			560MI5W	40	–	–	560P5W

Type 3R, 4X & 12K
IP67

AMPS	WIRING	VOLTAGE AC	RECEPTACLE CONFIG.	PLUG CONFIG.	NON-FUSED MECHANICAL INTERLOCK	NON-FUSED HORSEPOWER RATING	BREAKERED MECHANICAL INTERLOCK	USE PLUG CAT. NO.
100	2p3w	125			3100MI4W	5	–	3100P4W
	2p3w	240			3100MI6W	15	–	3100P6W
	2p3w	480			3100MI7W	25	–	3100P7W
	3p4w	125/250			4100MI12W	*	–	4100P12W
	3p4w	3Ø240			4100MI9W	30	4100MB9W**	4100P9W
	3p4w	3Ø480			4100MI7W	50	4100MB7W**	4100P7W
	3p4w	3Ø600			4100MI5W	50	–	4100P5W
	4p5w	3ØY120/208			5100MI9W	25	5100MB9W**	5100P9W
	4p5w	3ØY277/480			5100MI7W	50	–	5100P7W
	4p5w	3ØY347/600			5100MI5W	50	–	5100P5W

* Consult factory for your specific application.
** Consult factory for specifications.

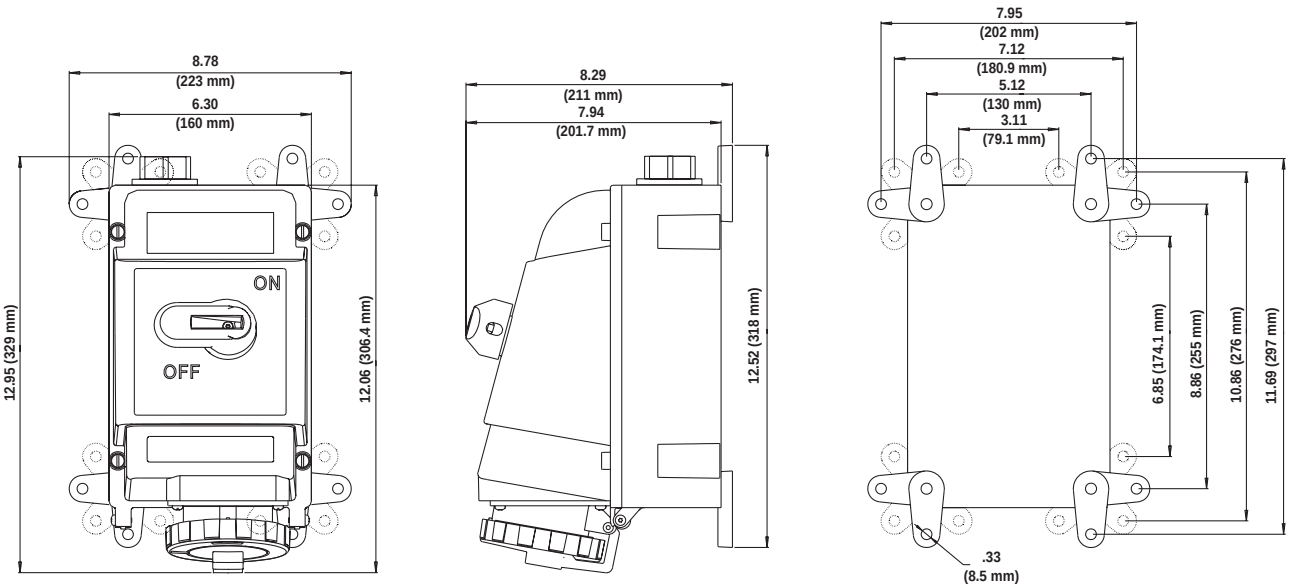
To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

Dimensions

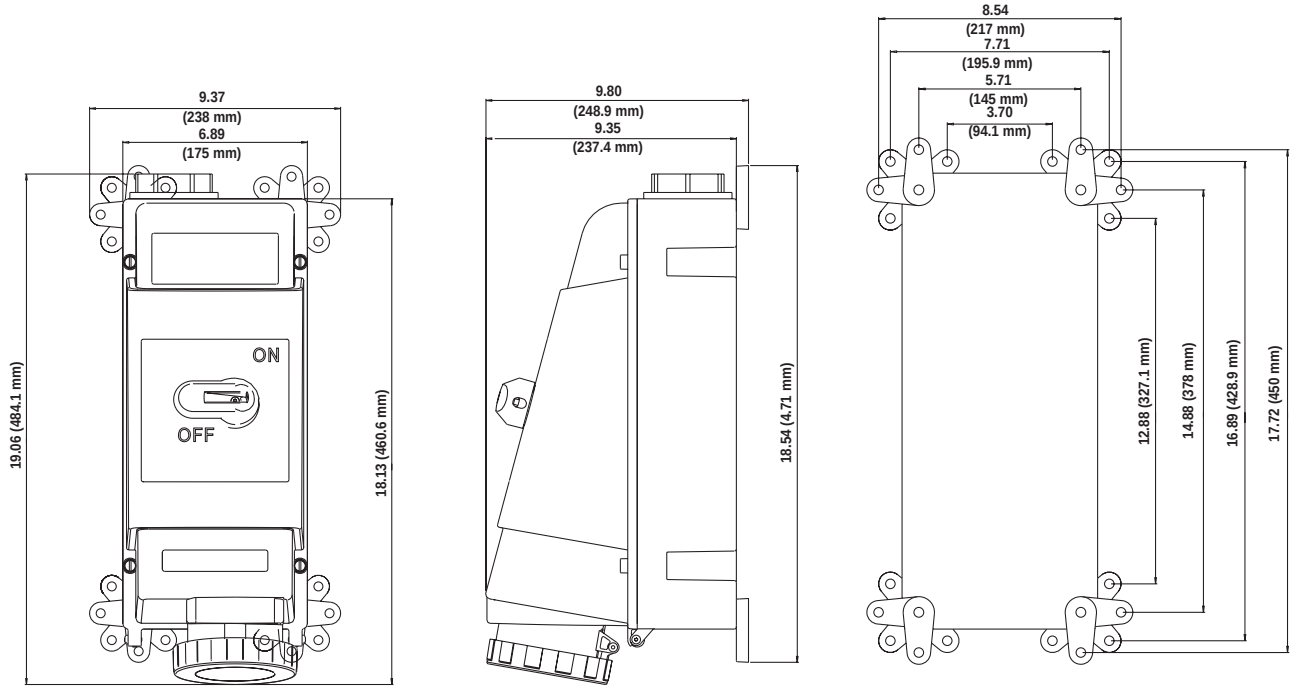
LEVITON

North American Watertight Mechanical Interlocks

2 YEAR LIMITED WARRANTY



20 AMP & 30 AMP FUSED & 20 AMP & 30 AMP NON-FUSED



60 AMP NON-FUSED AND FUSED & 100 AMP NON-FUSED

2 YEAR LIMITED WARRANTY

North American Watertight Mechanical Interlocks

20, 30, 60 & 100A

Engineered to UL & IEC Watertight Standards

- Enclosures are rated Type 3R, 4X & 12K, IP67
- Listed to UL 231 and 1686
- Certified to CSA Standard C22.2 number 182.1 & 14
- Classified to IEC Standards 309-1 and 309-2 for both North American-rated voltages and services
- CE marking per low-voltage directives 73/23/EEC, 93/68/EEC
- Switches are listed to UL 508 for Non-Fused and UL 98 for Fused models (including 100 Amp Non-Fused)

Material Specifications

20 and 30 Amp Devices

PART	MATERIAL
Housing Cover	Valox 357
Housing Base	Valox 357
Cover with Arm	Valox 357
Locking Ring	Valox 357
Cover Arm Eyelet	Nickel-Plated Brass
Housing Gasket	Solid Chloroprene
Sealing Gasket	Solid Chloroprene
Handle	Valox 357
Actuator Shaft	Valox 357
Locking Mechanism	Zinc-Coated Steel
Contact Carrier	Nylon
Phase and Ground Sleeves	Brass
Ground Contact	Brass
Conduit Grounding Plate	Zinc-Coated Steel
Conduit Hub (¾")	Die-Cast Zinc
Switch	Reinforced Nylon
Switch Terminal Contacts	Brass
Switch Contacts	Cadmium-Free Silver Alloy
Internal Screws	Zinc-Coated Steel
Housing Screws	Stainless Steel

Additional Components for 60 Amp Devices

PART	MATERIAL
Ground Bus	Brass
Neutral Bus	Brass
Actuator Shaft	Zinc-Coated Steel
Contact Carrier	Reinforced Nylon
Conduit Hub (1¼")	Die-Cast Zinc
Locking Mechanism	Valox 357

Additional Components for 100 Amp Devices

PART	MATERIAL
Ground Terminal	Plated Brass/Steel
Ground Terminal Block	Nylon
Neutral Terminal	Plated Brass/Steel
Neutral Terminal Block	Nylon
Terminal Shaft Key	Die-Cast Aluminum
Actuator Shaft	Zinc-Coated Steel
Contact Carrier	Reinforced Nylon
Conduit Hub (1½")	Die-Cast Zinc
Switch	Reinforced Nylon
Locking Mechanism	Valox 357

Valox® is a registered trademark of GE.

Performance Specifications

ELECTRICAL			
	Device	Current Applied	Duration
Ground Path Integrity	20A	40 A	2 min
	30 A	60 A	2 min
	60 A	120 A	4 min
	100 A	200 A	6 min
Current Interrupting		Certified for current interrupting at full-rated current and voltage	
Endurance (Power factor 0.75 – 0.80)		6000 operations at rated current and voltage	
Dielectric		1000 V plus twice rated voltage for 1 minute	

MECHANICAL	
Mold Stress Relief	70°C for 7 hours
Knockout Test	Remains in place with 20 lb push
Crush	100 lb
Impact	1.2 lb steel ball dropped from 5 ft
Cold Impact	Same as above, after conditioning to -35°C
Strength of Insulating Base and Support	110% of specified tightening torque on terminal screws
Pullout	18 lb pull on internal wires

ENVIRONMENTAL	
Flammability	No 0.6; V-0 for watertight enclosure
Rain (3R) per UL 50	Water spray @ 5 psi from all sides for 1 hr
Hosedown (4X) per UL 50	Water spray @ 65 gal/min for 5 min.
Dust (12K) per UL 50	Cement Dust Circulated @ 1000 ft/minute for 5 minutes
Gasket Aging	70°C for 168 hours
UV Resistance	Exposed plastic materials are UV stabilized
Operating Temperature (-40°F to +140°F)	-40°C to +60°C

STANDARDS & CERTIFICATIONS						
Mechanical Interlocks						
UL 231 & UL 1686	UL 98 Fused	UL 508 Non-Fused	CSA C22.2	NOM	CE	IEC 309-1 &309-2
✓	✓	✓	✓	✓	✓	✓

LEVITON

International-Rated Pin & Sleeve Devices

2 YEAR LIMITED WARRANTY

RoHS
International-Rated Pin & Sleeve Devices are being phased in as RoHS compliant products

Rockwell Automation Encompass Product Partner

Engineered to IP44 Splashproof Standards
International-Rated Devices

Engineered to UL & IEC Watertight Standards
432P3WL, 432C3WL & All 125A Devices Listed On This Page Have North American Rated Construction

SP516P6

SP516C6

SP516R6

SP516B6

International-Rated Devices

Leviton offers international-rated pin and sleeve devices available in 16, 32, 63 and 125 Amps. These IEC 309-1 and 309-2 compliant devices are ideal for use overseas where voltage and amperage requirements differ from North American standards, but where rigorous performance, quality, and reliability criteria need to be met.

16, 32 and 63 Amp devices have an environmental classification of splashproof (IP44), and 125 Amp devices are classified as watertight (IP67).

Ordering Information*

AMPS	WIRING	VOLTAGE AC	CONNECTOR/ RECEPTACLE	PLUG/ INLET	PLUG	CONNECTOR	RECEPTACLE	INLET
16	2p3w	100 - 130			SP316P4	SP316C4	SP316R4	SP316B4
	2p3w	250			SP316P6	SP316C6	SP316R6	SP316B6
	3p4w	380 - 415			SP416P6	SP416C6	SP416R6	SP416B6
	4p5w	200/346 - 240/415			SP516P6	SP516C6	SP516R6	SP516B6
32	2p3w	100 - 130			SP332P4	SP332C4	SP332R4	SP332B4
	2p3w	250			SP332P6	SP332C6	SP332R6	SP332B6
	3p4w	380 - 415			SP432P6	SP432C6	SP432R6	SP432B6
	3p4w	3Ø380 - 3Ø440			432P3WL†	432C3WL†	—	—
	4p5w	200/346 - 240/415			SP532P6	SP532C6	SP532R6	SP532B6
63	2p3w	250			SP363P6	SP363C6	SP363R6	SP363B6
	3p4w	380 - 415			SP463P6	SP463C6	SP463R6	SP463B6
	4p5w	200/346 - 240/415			SP563P6	SP563C6	SP563R6	SP563B6
125	2p3w	250			3125P6W	3125C6W	3125R6W	3125B6W
	3p4w	380 - 415			4125P6W	4125C6W	4125R6W	4125B6W
	4p5w	200/346 - 240/415			5125P6W	5125C6W	5125R6W	5125B6W

*Consult the factory for availability before placing your order. These are specialty order items and are not regularly stocked.
† This device has North American 30 Amp construction and is used in refrigerated container applications.

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

2 YEAR LIMITED WARRANTY

- Classified to IEC Standards 309-1 and 309-2
- CE marking per low-voltage directives 73/23/EEC, 93/68/EEC

Engineered to IP44 Splashproof Standards
International-Rated Devices

Engineered to UL & IEC Watertight Standards
432P3WL, 432C3WL & All 125A Devices Listed On This Page Have North American Rated Construction

Rockwell Automation Encompass Product Partner

Material Specifications

Inlets

PART	MATERIAL FOR 16A, 32A INLETS	MATERIAL FOR 63A, 125A INLETS
Housing	Nylon	Valox® 357
Mounting Flange	Nylon	–
Locking Ring (125A)	–	Valox 357
Contact Carrier	Nylon	Reinforced Nylon
Terminal Screws - Stainless Steel (125A)	Brass	Brass (63A)
Phase, Ground Pins	Brass	Brass

Connectors

PART	MATERIAL FOR 16A, 32A CONNECTORS	MATERIAL FOR 63A, 125A CONNECTORS
Housing	Nylon	Valox 357
Cover	Nylon	Valox 357
Arm Spring	Stainless Steel	Stainless Steel
Contact Carrier	Nylon	Reinforced Nylon
Internal Cord Clamp	Nylon	Nylon
External Cord Clamp	–	Valox 357
Grommet	EPDM Rubber	EPDM Rubber(63A), Chloroprene Onion Skin (125A)
Sealing Gasket (125A)	–	Solid Chloroprene
Cover Eyelet	Nickel Plated Brass	Nickel Plated Brass
External Screws	–	Acid-Proof Stainless Steel
Terminal Screws	Brass	Brass (63A), Stainless Steel (125A)
Phase, Ground Sleeve	Brass	Brass
Sleeve Spring	Stainless Steel	Stainless Steel
Internal Screws	Zinc-Plated Steel	Zinc-Plated Steel

Plugs

PART	MATERIAL FOR 16A, 32A PLUGS	MATERIAL FOR 63A, 125A PLUGS
Housing	Nylon	Valox 357
Contact Carrier	Nylon	Reinforced Nylon
Internal Cord Clamp	Nylon	Nylon
External Cord Clamp	–	Valox 357
Grommet	EPDM Rubber	EPDM Rubber (63A), Chloroprene Rubber (125A)
Sealing Gasket (125A)	–	Solid Chloroprene
External Screws	–	Acid-Proof Stainless Steel
Terminal Screws	Brass	Brass (63A), Stainless Steel (125A)
Phase, Ground Pins	Brass	Brass
Sleeve Spring	Stainless Steel	Stainless Steel
Internal Screws	Zinc-Plated Steel	Zinc-Plated Steel

Receptacles

PART	MATERIAL FOR 16A, 32A PLUGS	MATERIAL FOR 63A, 125A PLUGS
Housing	Nylon	Valox 357
Cover	Nylon	Valox 357
Mounting Flange	Nylon	–
Arm Spring	–	Stainless Steel
Contact Carrier	Nylon	Reinforced Nylon
Sealing Gasket (125A)	–	Solid Chloroprene
Cover Eyelet	Nickel Plated Brass	Nickel Plated Brass
Terminal Screws	Brass	Brass (63A), Stainless Steel (125A)
Phase, Ground Sleeve	Brass	Brass
Sleeve Spring	Stainless Steel	Stainless Steel

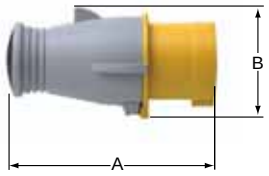
Valox® is a registered trademark of GE.

STANDARDS & CERTIFICATIONS	
Pin & Sleeve: Inlets, Connectors, Plugs, Receptacles	
CE	IEC 309-1 & 309-2
✓	✓

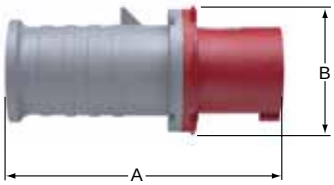
LEVITON

International-Rated Pin & Sleeve Devices

2 YEAR LIMITED WARRANTY



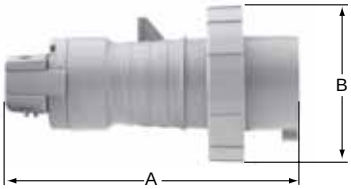
16A, 32A PLUG



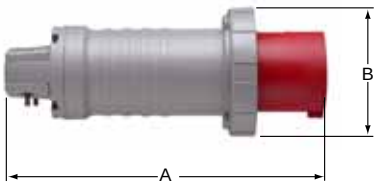
63A PLUG

Plug Dimensions

CATALOG NO.	AMPS	UNIT	A	B	CORD GRIP RANGE (DIA.)
SP316P	16	inch	4.53	2.48	.350 –.860
		mm	115	63	9 – 22
SP416P	16	inch	5.51	2.83	.350 –.860
		mm	140	72	9 – 22
SP516P	16	inch	5.51	2.99	.437 –1.187
		mm	140	76	11 – 30
SP332P	32	inch	6.14	3.27	.437 –1.187
		mm	156	83	11 – 30
SP432P	32	inch	6.14	3.27	.437 –1.187
		mm	156	83	11 – 30
SP532P	32	inch	6.14	3.46	.437 –1.450
		mm	156	88	11 – 37
SP363P	63	inch	8.46	4.06	.670 –1.625
		mm	215	103	17 – 41
SP463P	63	inch	8.46	4.06	.670 –1.625
		mm	215	103	17 – 41
SP563P	63	inch	8.46	4.06	.670 –1.625
		mm	215	103	17 – 41



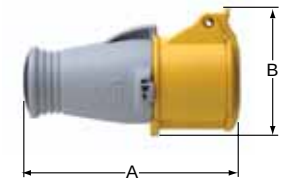
32A PLUG



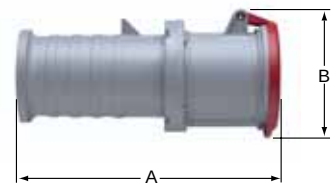
125A PLUG

Plug Dimensions

CATALOG NO.	AMPS	UNIT	A	B	CORD GRIP RANGE (DIA.)
432P3WL	32	inch	5.79	3.70	.437 –1.450
		mm	147	94	11 – 37
3125P	125	inch	12.32	5.12	.950 – 1.875
		mm	313	130	24 – 48
4125P	125	inch	12.32	5.12	.950 – 1.875
		mm	313	130	24 – 48
5125P	125	inch	12.32	5.12	.950 – 1.875
		mm	313	130	24 – 48



16A, 32A CONNECTOR



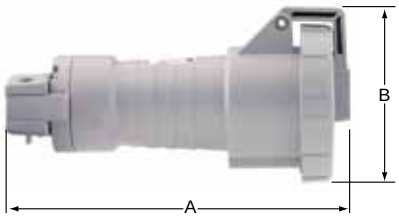
63A CONNECTOR

Connector Dimensions

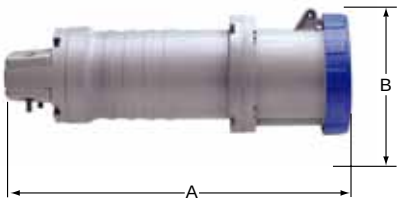
CATALOG NO.	AMPS	UNIT	A	B	CORD GRIP RANGE (DIA.)
SP316C	16	inch	4.88	2.95	.350 –.860
		mm	124	75	9 – 22
SP416C	16	inch	5.91	3.45	.350 –.860
		mm	150	85	9 – 22
SP516C	16	inch	5.98	3.50	.437 –1.187
		mm	152	89	11 – 30
SP332C	32	inch	6.73	3.66	.437 –1.187
		mm	171	93	11 – 30
SP432C	32	inch	6.73	3.66	.437 –1.187
		mm	171	93	11 – 30
SP532C	32	inch	6.73	3.89	.437 –1.450
		mm	171	99	11 – 37
SP363C	63	inch	8.82	4.41	.670 –1.625
		mm	224	112	17 – 41
SP463C	63	inch	8.82	4.41	.670 –1.625
		mm	224	112	17 – 41
SP563C	63	inch	8.82	4.41	.670 –1.625
		mm	224	112	17 – 41

International-Rated Pin & Sleeve Devices

2 YEAR LIMITED WARRANTY



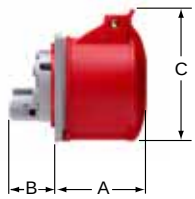
32A CONNECTOR



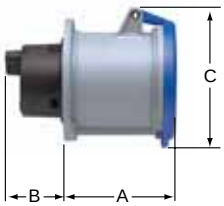
125A CONNECTOR

Connector Dimensions

CATALOG NO.	AMPS	UNIT	A	B	CORD GRIP RANGE (DIA.)
432C3WL	32	inch	6.97	4.02	.437 –1.187
		mm	177	102	11 – 30
3125C6W	125	inch	12.80	4.80	.950 – 1.875
		mm	325	122	28 – 48
4125C6W	125	inch	12.80	4.80	.950 – 1.875
		mm	325	122	28 – 48
5125C6W	125	inch	12.80	4.80	.950 – 1.875
		mm	325	122	28 – 48



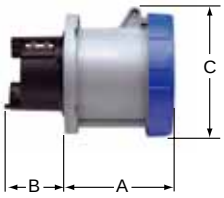
16A, 32A RECEPTACLE



63A RECEPTACLE

Receptacle Dimensions

CATALOG NO.	AMPS	UNIT	A	B	C
SP316R	16	inch	2.20	1.14	2.87
		mm	56	29	73
SP416R	16	inch	2.28	1.18	3.43
		mm	58	30	87
SP516R	16	inch	2.36	1.22	3.50
		mm	60	31	89
SP332R	32	inch	2.76	1.34	3.66
		mm	70	34	93
SP432R	32	inch	2.76	1.34	3.66
		mm	70	34	93
SP532R	32	inch	2.76	1.34	3.90
		mm	71	34	99
SP363R	63	inch	3.43	1.89	4.41
		mm	87	48	112
SP463R	63	inch	3.43	1.89	4.41
		mm	87	48	112
SP563R	63	inch	3.43	1.89	4.41
		mm	87	48	112



125A RECEPTACLE

Receptacle Dimensions

CATALOG NO.	AMPS	UNIT	A	B	C
3125R	125	inch	3.94	2.28	4.80
		mm	100	58	122
4125R	125	inch	3.94	2.28	4.80
		mm	100	58	122
5125R	125	inch	3.94	2.28	4.80
		mm	100	58	122

125A INLET

Inlet Dimensions for International-Rated Watertight devices

CATALOG NO.	AMPS	UNIT	A	B
3125B6W	125	inch	3.50	2.21
		mm	89	56
4125B6W	125	inch	3.50	2.21
		mm	89	56
5125B6W	125	inch	3.50	2.21
		mm	89	56

LEVITON

International-Rated Pin & Sleeve Devices

2 YEAR LIMITED WARRANTY

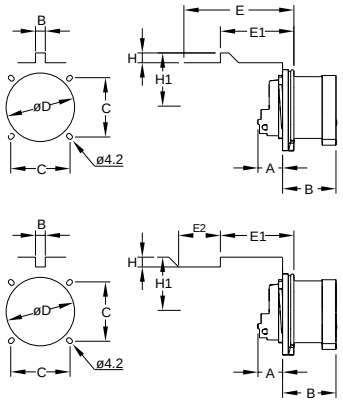
16A, 32A INLET

63A INLET

Inlet Dimensions

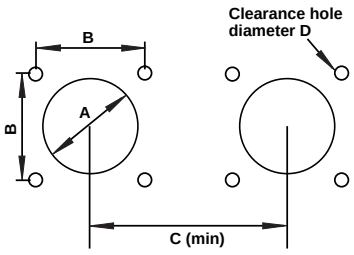
CATALOG NO.	AMPS	UNIT	A	B
SP316B	16	inch	.85	1.83
		mm	21.5	46.5
SP416B	16	inch	.83	1.85
		mm	21	47
SP516B	16	inch	.83	1.83
		mm	21	46.5
SP332B	32	inch	.95	2.19
		mm	24.5	55.5
SP432B	32	inch	.95	2.19
		mm	24.5	55.5
SP532B	32	inch	.98	2.19
		mm	25	55.5
SP363B	63	inch	1.97	3.0
		mm	50	78
SP463B	63	inch	1.97	3.0
		mm	50	78
SP563B	63	inch	1.97	3.0
		mm	50	78

Inlet
Panel Mounting Dimensions



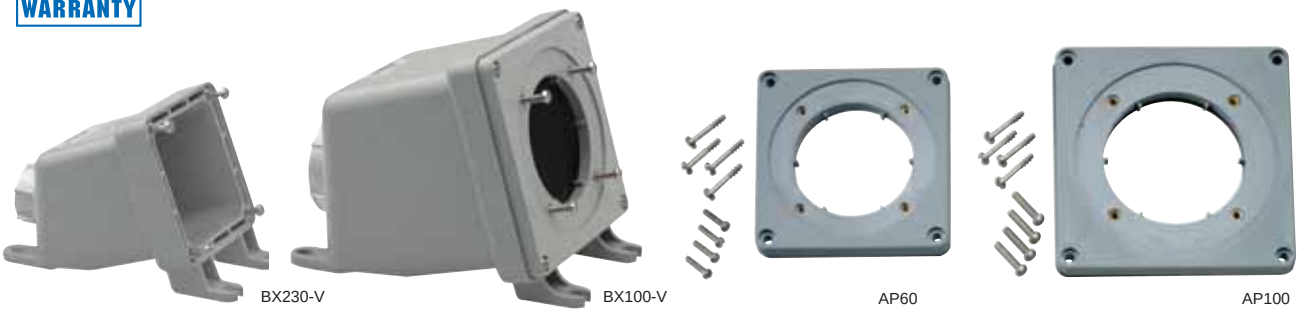
DEVICE SIZE		C	D	E	E1	E2	G	H	H1
SP316B	in	1.73-1.85	1.93	2.95	1.59	0.31	0.35	0.16	1.18
	mm	44-47	49	75	40.5	8	9	4	30
SP416B	in	1.97-2.05	2.32	3.15	1.83	0.31	0.35	0.2	1.34
	mm	50-52	59	80	46.5	8	9	5	34
SP516B	in	1.97-2.05	2.32	3.54	2.07	0.31	0.35	0.27	1.5
	mm	50-52	59	90	52.5	8	9	7	38
SP332B	in	2.36-2.40	2.6	3.54	2.11	0.31	0.35	0.27	1.57
	mm	60-61	66	90	53.5	8	9	7	40
SP432B	in	2.36-2.40	2.6	3.54	2.11	0.31	0.35	0.27	1.57
	mm	60-61	66	90	53.5	8	9	7	40
SP532B	in	2.36-2.40	2.6	4.13	2.34	0.35	0.35	0.31	1.77
	mm	60-61	66	105	59.5	9	9	8	45
SP363B	in	2.40	2.76	4.13	2.32	0.39	0.43	0.35	1.95
	mm	61	70	105	59	10	11	9	49.5
SP463B	in	2.40	2.76	4.13	2.32	0.39	0.43	0.35	1.95
	mm	61	70	105	59	10	11	9	49.5
SP563B	in	2.40	2.76	4.13	2.32	0.39	0.43	0.35	1.95
	mm	61	70	105	59	10	11	9	49.5

Drilling Plan
Inlets & Receptacles



DEVICE SIZE		A inches	A mm	B inches	B mm	C (min) inches	C (min) mm	D inches	D mm
16A; 3-wire:	Receptacle	1.93	49	1.73	44	3.35	85	.185	4.7
	Inlet	1.93	49	1.73	44	3.35	85	.185	4.7
16A; 4-wire:	Receptacle	2.32	59	2.05	52	3.94	100	.185	4.7
	Inlet	2.32	59	2.05	52	3.94	100	.185	4.7
16A; 5-wire:	Receptacle	2.32	59	2.05	52	3.94	100	.185	4.7
	Inlet	2.32	59	2.05	52	3.94	100	.185	4.7
32A; 3-wire:	Receptacle	2.60	66	2.40	61	4.53	115	.185	4.7
	Inlet	2.60	66	2.40	61	4.53	115	.185	4.7
32A; 4-wire:	Receptacle	2.60	66	2.40	61	4.53	115	.185	4.7
	Inlet	2.60	66	2.40	61	4.53	115	.185	4.7
32A; 5-wire:	Receptacle	2.60	66	2.40	61	4.53	115	.185	4.7
	Inlet	2.60	66	2.40	61	4.53	115	.185	4.7
63A	All	2.76	70	2.40	61	6.69	170	.185	4.7
125A	All	3.47	88	2.80	71	7.87	200	.280	7.1

2 YEAR LIMITED WARRANTY



BX230-V BX100-V AP60 AP100

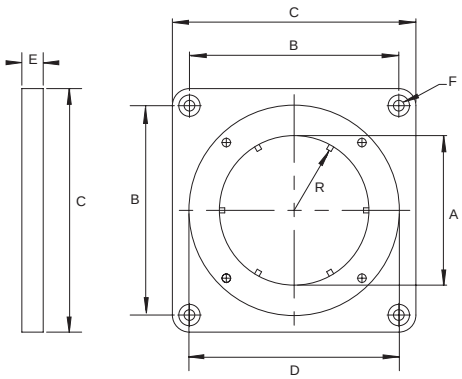
(Same Geometry as BX60-V)

Valox® Back Boxes for Watertight Inlets & Receptacles

APPLICATION	CATALOG NO.
20 & 30 Amp No Adapter Plate Required	**BX230-V**
60 Amp Adapter Plate Included	**BX60-V**
100 Amp Adapter Plate Included	**BX100-V**

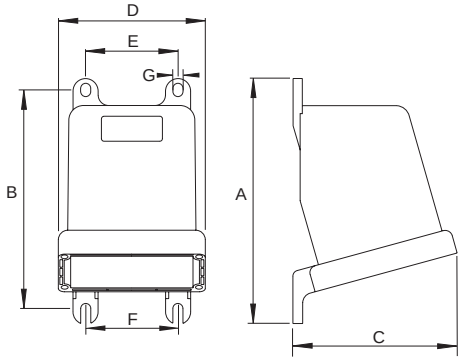
Replacement Valox® Adapter Plates for Leviton & Hubbell Back Boxes

APPLICATION	CATALOG NO.
60 Amp Watertight Inlets & Receptacles	**AP60**
100 Amp Watertight Inlets & Receptacles	**AP100**



Dimensions for Valox® Adapter Plates

UNIT	A	B	C	D	E	F	R
60 Amp							
inch	2.78	3.86	4.50	3.88	.40	.20	1.28
mm	70	98	114	98.5	10	5	32.5
100 Amp							
inch	3.23	4.88	5.50	4.60	.40	.22	1.50
mm	82	124	140	117	10	5.5	38



Dimensions for Valox® Back Boxes

UNIT	A	B	C	D	E	F	G
20 Amp & 30 Amp - 3/4" Hub							
inch	6.69	5.91	4.53	3.90	2.35	2.35	0.25
mm	170.0	150.0	115.0	99.0	60.0	60.0	6.5
60 Amp - 1 1/4" Hub							
inch	7.68	6.92	5.20	4.65	2.99	2.99	0.31
mm	195.0	176.0	132.0	118.0	76.0	76.0	8.0
100 Amp - 1 1/2" Hub							
inch	8.23	7.39	6.30	5.71	3.99	3.33	0.33
mm	209.0	188.0	160.0	145.0	101.0	84.5	8.5

Valox® is a registered trademark of GE.

Black EPDM Rubber Protective Closure Caps for Plugs and Inlets

Temperature Range: -76° to 212°F (-60° to 100°C)

APPLICATION NORTH AMERICAN	APPLICATION INTERNATIONAL	WATERTIGHT CATALOG NO.
20 Amp, 3-Wire	16 Amp, 3-Wire	PC320
20 Amp, 4-Wire	16 Amp, 4-Wire	PC420
20 Amp, 5-Wire	16 Amp, 5-Wire	PC520
30 Amp, 3-,4-Wire	32 Amp,3-,4-Wire	PC3430
30 Amp, 5-Wire	32 Amp, 5-Wire	PC530
All 60 Amp	All 63 Amp	PC60
All 100 Amp	All 125 Amp	PC100

PC420 PC60 PC100

Temperature Range: -76° to 212°F (-60° to 100°C)

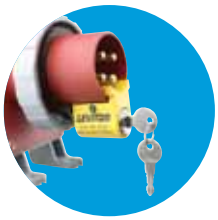
PROTECTIVE CLOSURE CAPS

Lockout / Tagout for Pin and Sleeve Devices

APPLICATION	CATALOG NUMBER WATERTIGHT & SPLASHPROOF
Can be used for any IEC 309-1 and 309-2 pin and sleeve plugs or inlets	PLG1

PLG1

IN USE with PLUG

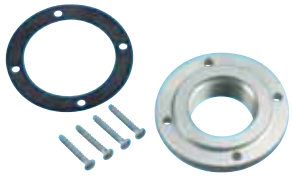


IN USE with INLET

Liquid-Tight Grips

APPLICATION	LIQUID-TIGHT CONDUIT SIZE	ADAPTER CATALOG NO.	STRAIGHT MALE FITTING CATALOG NO.
20 A, 3-4 Wire	1/2" NPT	SAA12	L7902
20 A, 5 Wire	1/2" NPT	SAB12	L7902
30 A, 3-4 Wire	3/4" NPT	SAB34	L7903
30 A, 5 Wire	3/4" NPT	SAC34	L7903
30 A, 5 Wire	1" NPT	SAC100	L7904
60 A, All	1 1/4" NPT	SAC125	L7905
100 A, All	1 1/4" NPT	SAD125	L7905

For additional Liquid-Tight Grips, see page O11.



SAD125

L7902
STRAIGHT MALE,
LIQUID-TIGHT GRIP
For use with flexible metal conduit.

Replacement Parts

CA520

CA100

RA420

RA060

GROMMET30A

	Closure Cover Kit for Connectors and Receptacles	Locking Ring for Plugs and Inlets	Grommets for Plugs and Connectors
APPLICATION	CATALOG NUMBER	CATALOG NUMBER	CATALOG NUMBER
20 Amp, 3-Wire	CA320	RA320	GROMMET20A
20 Amp, 4-Wire	CA420	RA420	GROMMET20A
20 Amp, 5-Wire	CA520	RA520	GROMMET2030A
30 Amp, 3-, 4-Wire	CA343	RA343	GROMMET2030A
30 Amp, 5-Wire	CA530	RA530	GROMMET30A
All 60 Amp	CA060	RA060	GROMMET60A
All 100 Amp	CA100	RA100	GROMMET100A

Disconnect Switch Features

Watertight Safety Disconnect Switches

2 YEAR LIMITED WARRANTY

Type 3R, 4X and 12K
IP67

IEC 947-3

Engineered to UL & IEC Watertight Standards

PowerSwitch BY LEVITON

Fused Models Accept "Class J" Time-Delay Fuses

PowerSwitch Safety Disconnect Switches - SDS

- **30 Amp Non-Fused & Fused**
- **60 Amp Non-Fused & Fused**
- **100 Amp Non-Fused**

PowerSwitch SDS devices meet NEC Article 430 for separate disconnect in-sight of motor loads and OSHA Title 29 CFR 1910 and 1926 for lockout, tagout protection.

The complete PowerSwitch SDS package is non-metallic, watertight and is engineered to enhance safety and performance for critical power control installations.

Disconnect Switch Features

LEVITON

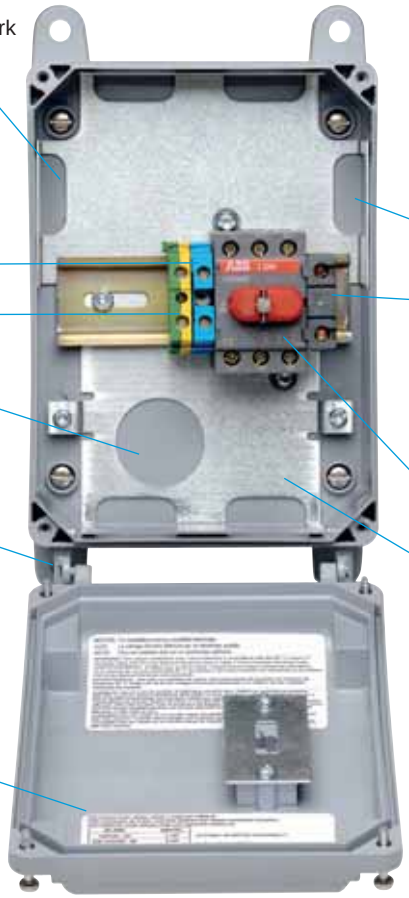
UL 508 Listed
cUL per CSA Specification C22.2 No. 14 Certified

2 YEAR LIMITED WARRANTY

Engineered to IP65 Standards

PowerSwitch BY LEVITON

DS30-AX
30 Amp, Non-Fused Safety Disconnect Switch



Handle with padlock installed

Valox® is a registered trademark of GE.

STANDARDS & CERTIFICATIONS					
Safety Disconnect Switches					
UL 98 Fused (Including 100A Non-Fused -DS)	UL 508 Non-Fused	cULus	NOM	CE	IEC 947-3
#E63969		✓	✓	✓	✓

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

Disconnect Switch Features

2 YEAR LIMITED WARRANTY

UL 98 & UL 508 Listed
CUL per CSA Specification C22.2 No.14 Certified

Watertight Safety Disconnect Switches Include 30 Amp Fused, 60 & 100 Amp (Fused & Non-Fused)

Meets 2002 NEC® Requirements 430.102 (A) and 430.102 (B)

Fused Models Accept "Class J" Time-Delay Fuses

Liquid-tight conduit fitting can be installed for top or bottom feed

One fitting supplied:
- 30 Amp - 3/4"
- 60 Amp - 1-1/4"
- 100 Amp - 1-1/2"

Stainless steel screws are captive and will not fall out when cover is opened

Impact UV and chemical-resistant Valox® enclosure rated to UL and IEC watertight standards
- Type 3R, 4X & 12K
- IP67

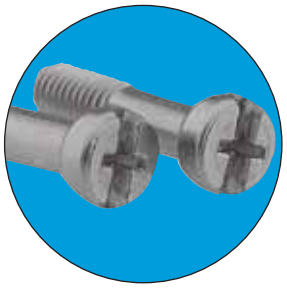
DS60-FAX

Red "pistol grip" handle provides visual confirmation of switch's status

Integrated lockout handle meets OSHA safety regulations

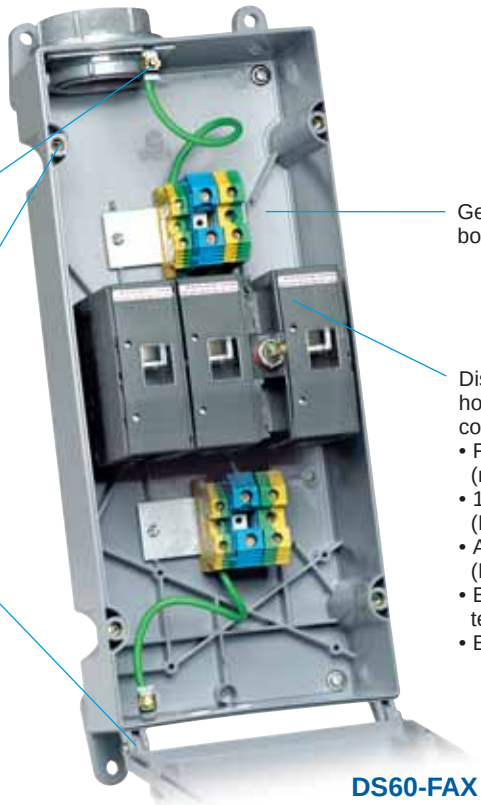
Circuit identification pad for means of identifying specific equipment loads

Engineered to UL & IEC Watertight Standards



Cover Screws: *1-1/8" deep slotted, LG stainless steel.*
Mounting Screws: *10-24 x 1/2" deep slotted, LG stainless steel.*

Handle with padlock installed



DS60-FAX

Pre-wired grounding plates (top and bottom of enclosure) connect to metal conduit grounding system

Brass threaded inserts will not strip, provide higher torque, and form tighter seal between back box and cover

Rugged hinge mechanism pivots 180º for easy access during installation and maintenance

Generous wiring space for top to bottom wiring

Disconnect switch with integrated fuse holder offers proven performance in a compact package
- Fused cartridges accept "Class J" fuses (not included)
- 1 Factory installed Auxiliary Contact (Normally Open - 10 Amp)
- Additional Auxiliary Contact Available (Normally Closed - 10 Amp)
- Easily accessible neutral and ground terminal blocks
- Early Break Type Auxiliary Contacts

PowerSwitch® BY LEVITON

Valox® is a registered trademark of GE.

STANDARDS & CERTIFICATIONS					
Safety Disconnect Switches					
UL 98 Fused (Including 100A Non-Fused -DS)	UL 508 Non-Fused	CSA C22.2 No. 14	NOM	CE	IEC 947-3
#E63969		✓	✓	✓	✓

Watertight Safety Disconnect Switches

2 YEAR LIMITED WARRANTY

PowerSwitch BY LEVITON

Engineered to UL & IEC Watertight Standards

DS30-AX
(Non-Fused)

DS60-FAX
(Fused)

DS100-AX
(Non-Fused)

Ordering Information for Watertight Safety Disconnect Switches

AMPS	MAX VOLTAGE	INTERRUPTING RATINGS — RMS SYMMETRICAL AMPERES			
		Non-Fused are suitable for use on circuits capable of delivering not more than (see chart below for catalog no. and value) RMS symmetrical amperes.		Fused, when protected by Class J fuses, 600V AC maximum, are suitable for use on circuits capable of delivering not more than (see chart below for catalog no. and value) RMS symmetrical amperes.	
		CAT. NO. NON-FUSED	RMS SYMMETRICAL AMPS	CAT. NO. FUSED	RMS SYMMETRICAL AMPS
30	600V AC	DS30-AX	10,000 Amp	DS30-FAX	200,000 Amp
60	600V AC	DS60-AX	50,000 Amp	DS60-FAX	200,000 Amp
100	600V AC	DS100-AX	50,000 Amp	–	–

ELECTRICAL			
	Device	Current Applied	Duration
Ground Path Integrity	30 A	60 A	2 min
	60 A	120 A	4 min
	100 A	200 A	6 min
Current Interrupting	Certified for current interrupting at full-rated current and voltage		
Endurance	6000 operations at rated current and voltage (Power factor 0.75 – 0.80)		
Dielectric	1000 V plus twice rated voltage for 1 minute		

MECHANICAL	
Mold Stress Relief	70°C for 7 hours
Knockout Test	Remains in place with 20 lb push
Crush	100 lb
Impact	1.2 lb steel ball dropped from 5 ft
Cold Impact	Same as above, after conditioning to -35°C
Strength of Insulating Base and Support	110% of specified tightening torque on terminal screws
Pullout	18 lb pull on internal wires

ENVIRONMENTAL	
Flammability	V2 or better per UL 94 or CSA 22.2 No 0.6; V-0 for watertight enclosure
Rain (3R) per UL 50	Water spray @ 5 psi from all sides for 1 hr
Hosedown (4X) per UL 50	Water spray @ 65 gal/min for 5 minutes
Dust (12K) per UL 50	Cement Dust Circulated @ 1000 ft/minute for 5 minutes
Gasket Aging	70°C for 168 hours
UV Resistance	Exposed plastic materials are UV stabilized
Operating Temperature	-40°C to +60°C (-40°F to +140°F)

VOLTS	MAX. HP RATINGS PER UL508 NON-FUSED SAFETY DISCONNECT SWITCHES		
	DS30-AX	DS60-AX	DS100-AX
120V AC	2	2	5
208V AC	5	20	25
240V AC	5	10	15
480V AC	10	20	25
600V AC	NA	20	20
3Ø Y120/208V AC	10	20	25
3Ø 240V AC	10	20	30
3Ø 480V AC	20	40	50
3Ø 600V AC	25	40	50

VOLTS	MAX. HP RATINGS PER UL508 FUSED SAFETY DISCONNECT SWITCHES	
	DS30-FAX	DS60-FAX
120V AC	2	NR
208V AC	7.5	15
240V AC	3	NR
480V AC	15	NR
600V AC	20	NR
3Ø Y 120/208V AC	7.5	15
3Ø 240V AC	7.5	15
3Ø 480V AC	15	30
3Ø 600V AC	20	50

NR = Not Rated NA = Not Available

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

2 YEAR LIMITED WARRANTY

UL 98 & UL 508 Listed
CUL per CSA Specification C22.2 No.14 Certified

Engineered to UL & IEC Watertight Standards

PowerSwitch BY LEVITON

- Heavy Duty Safety Disconnects
- Enclosures are Type 3R, 4X & 12K, IP67
- Listed to UL 508 for Non-Fused and UL 98 for Fused
- Certified to CSA Standard C22.2 number 14
- Classified to IEC Standard 947-3
- CE marking per low-voltage directives 73/23/EEC, 93/68/EEC

Watertight Safety Disconnect Switches

Material Specifications

30 Amp Switch, Non-Fused

PART	MATERIAL
Housing Cover	Valox 357
Housing Base	Valox 357
Housing Gasket	Solid Chloroprene
Sealing Gasket	Solid Chloroprene
Handle	Valox 357
Screw handle	Stainless Steel
Conduit Grounding Plate	Zinc-Coated Steel
Conduit Hub	Die-Cast Zinc
Switch	Nylon
Switch Terminal Contacts	Brass
Switch Contacts	Cadmium-Free Silver Alloy
Internal Screws	Zinc-Coated Steel
Housing Screws	Stainless Steel
Mounting Feet	Valox 357
Ground Terminal	Plated Brass/Steel
Ground Terminal Block	Nylon
Neutral Terminal	Plated Brass/Steel
Neutral Terminal Block	Nylon

60 & 100 Amp Switch, Non-Fused

PART	MATERIAL
Housing Cover	Valox 357
Housing Base	Valox 357
Housing Gasket	Solid Chloroprene
Sealing Gasket	Solid Chloroprene
Handle	Valox 357
Screw handle	Stainless Steel
Conduit Grounding Plate	Zinc-Coated Steel
Conduit Hub	Die-Cast Zinc
Switch	Reinforced Nylon
Switch Terminal Contacts	Brass
Switch Contacts	Cadmium-Free Silver Alloy
Internal Screws	Zinc-Coated Steel
Housing Screws	Stainless Steel
Hinge Screws	Stainless Steel
Mounting Feet	Valox 357
Ground Terminal	Plated Brass/Steel
Ground Terminal Block	Nylon
Neutral Terminal	Plated Brass/Steel
Neutral Terminal Block	Nylon

30 & 60 Amp Switch, Fused

PART	MATERIAL
Housing Cover	Valox® 357
Housing Base	Valox 357
Housing Gasket	Solid Chloroprene
Sealing Gasket	Solid Chloroprene
Handle	Valox 357
Screw handle	Stainless Steel
Conduit Grounding Plate	Zinc-Coated Steel
Conduit Hub	Die-Cast Zinc
Switch	Reinforced Nylon
Switch Terminal Contacts	Brass
Internal Screws	Zinc-Coated Steel
Housing Screws	Stainless Steel
Hinge Screws	Stainless Steel
Fuse Holder	Reinforced Nylon
Mounting Feet	Valox 357
Ground Terminal	Plated Brass/Steel
Ground Terminal Block	Nylon
Neutral Terminal	Plated Brass/Steel
Neutral Terminal Block	Nylon

STANDARDS & CERTIFICATIONS					
Safety Disconnect Switches					
UL 98 Fused	UL 508 Non-Fused	CSA C22.2 No.14	NOM	CE	IEC 947-3
✓	✓	✓	✓	✓	✓

Valox® is a registered trademark of GE.

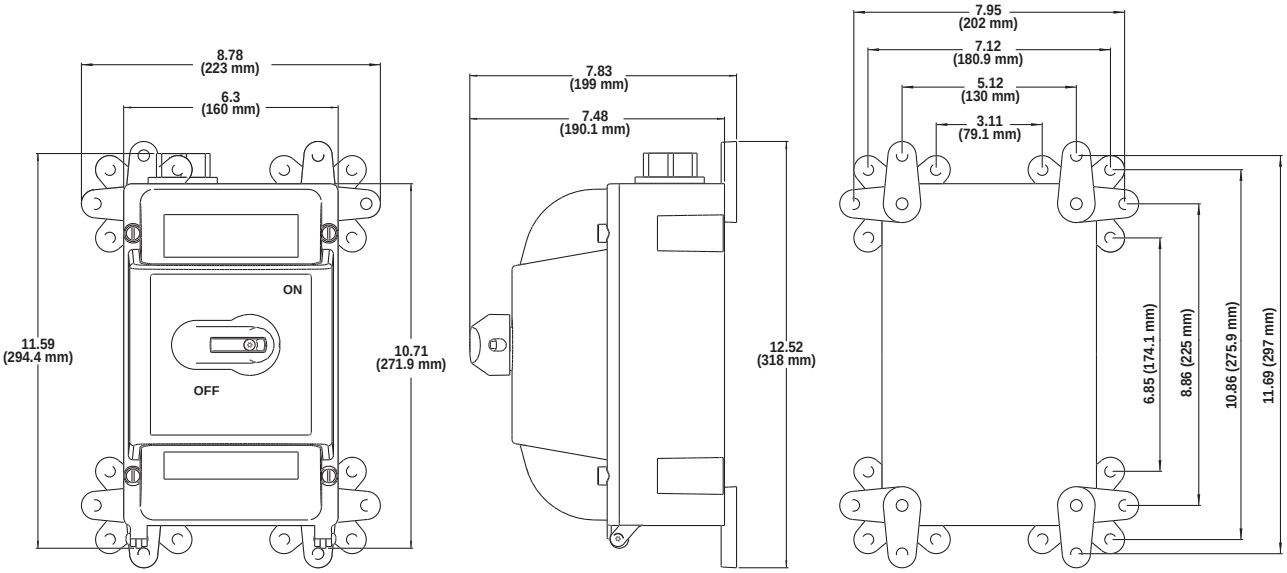
IP Ratings & UL Standards

CATALOG NO.	IP RATING	UL STANDARD
DS30-AX	IP67	UL 508
DS60-AX	IP67	UL 508
DS100-AX	IP67	UL 98
DS30-FAX	IP67	UL 98
DS60-FAX	IP67	UL 98

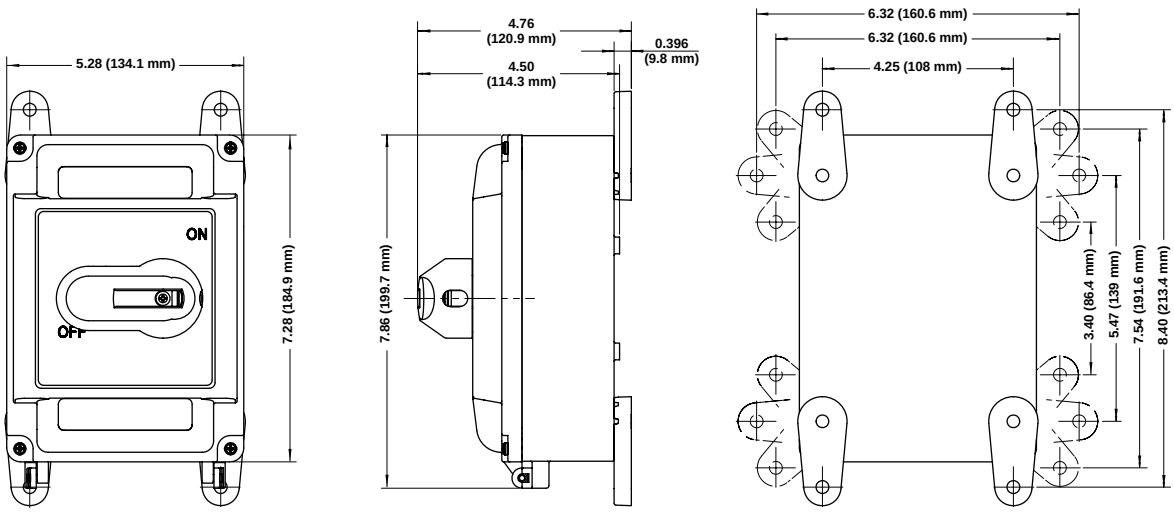
SWITCHING MECHANISM TYPE			
NON-FUSED	SWITCHING	FUSED	SWITCHING
DS30-AX	Rotary	DS30-FAX	Knife
DS60-AX	Rotary	DS60-FAX	Knife
DS100-AX	Knife	–	–

Dimensions

Watertight Safety Disconnect Switches



30 AMP FUSED & 60 AMP NON-FUSED

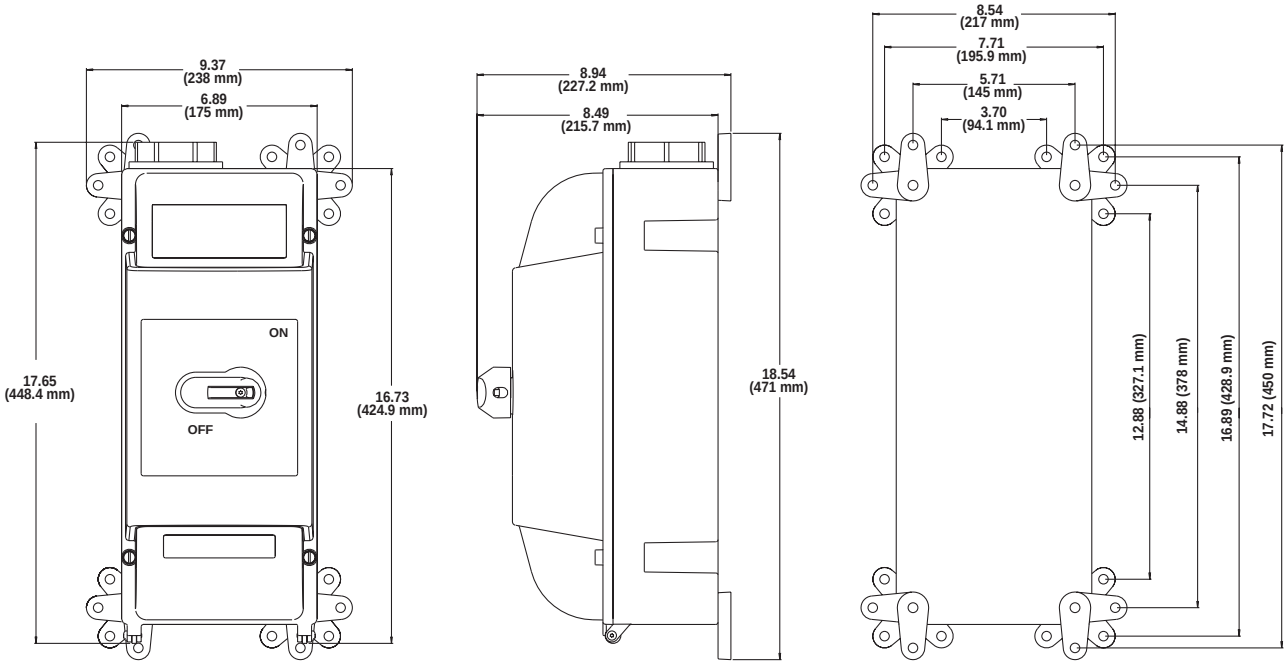


30 AMP NON-FUSED

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

Dimensions & Accessories

Watertight Safety Disconnect Switches



60 AMP FUSED & 100 AMP NON-FUSED

Auxiliary Contacts for Safety Disconnect Switches

Auxiliary Contacts

- Leviton Mechanical Interlocks and Disconnect Switches automatically ship with one factory installed auxiliary contact, normally open.
- A second auxiliary contact may be added. Select from the table below.

DS OR MI DEVICE	AUXILIARY CONTACT CATALOG NO.	DESCRIPTION
For ALL **non-fused** and **fused** Disconnect Switches and Mechanical Interlocks	AUXNO	Normally open contact, 10Amp, early break type
	AUXNCNF	Normally closed contact, 10Amp, early break type
For ALL **fused** disconnect switches and Mechanical Interlocks	AUXNCF	Normally closed contact, 10Amp, early break type

Making the Right Connection is as Easy as Matching Colors and Telling Time!

Leviton's pin and sleeve devices are easy to use. Matching amperage and voltage requirements is literally as easy as matching colors and telling time.

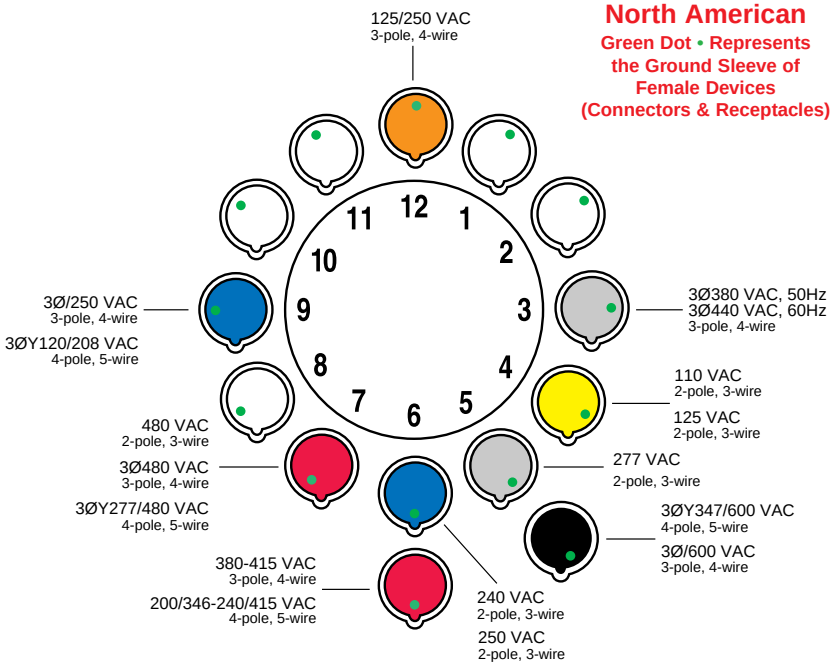
The amperage rating is related to the size of the device; devices of the same amperage are the same size.

The voltage rating is related to the location of the ground sleeve on the female device and the number of conductors. This location is based on a clock face with the key-way at the 6 o'clock position.

The ground sleeve is positioned at a specific hour location, depending on the device's voltage rating.

The clock position for plugs and inlets is a mirror image of the position for matching connectors and receptacles.

For quick visual identification, voltage ratings are also color-coded and the housings of interconnecting units are always the same color. All 125VAC devices are yellow; 250VAC are blue, etc. Matching up interconnecting devices is as easy as matching colors.



Rated Voltage	Color
110V-130V	
125V-250V	
200V-250V	
277V, 380V, 440V	
346V-480V	
500V and above	

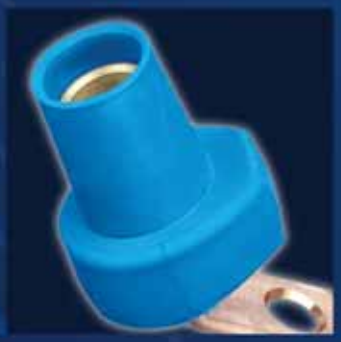
Catalog Numbering System

Leviton's catalog numbering system is easy to use. Each letter or number provides a description of the product. Simply follow the six-part code below, made up of letters and numbers. Each catalog number contains the number of conductors, amperage rating, device type, clock position of the ground sleeve, and environmental rating.

For example, the catalog number below refers to a 3-wire, 20 amp receptacle with a grounding sleeve located at the 6 o'clock position and an environmental classification of watertight.

3	20	R	6	W
PREFIX	1ST DIGIT	2ND–4TH DIGIT	LETTER	GROUNDING	SUFFIX
SP = Splashproof	3 = 3 wire	16 = 16 Amp	P = Plug	Clock position of female grounding contact	W = Watertight
DS = Disconnect Switch	4 = 4 wire	20 = 20 Amp	C = Connector	Not Used for Disconnects	Not Used for Disconnects
	5 = 5 wire	30 = 30 Amp	R = Receptacle		
	Not Used for Disconnects	32 = 32 Amp	B = Inlet		
		60 = 60 Amp	MI = Mechanical Interlock		
		63 = 63 Amp	MF = Mechanical Interlock Fused		
		100 = 100 Amp	AX = Disconnect Switch Non-Fused		
		125 = 125 Amp	FAX = Disconnect Switch Fused		

K SECTION



Cam-Type Devices, Stage Pin Devices and
Rhino-Hide® 49 Series Connectors

Cam Type Connectors

Single-Pole

Industrial Grade

15 SERIES

15D23-B

15R21-H

Mini Cam Plugs - Up to 140 Amp
Inline Detachable Connectors
- Single Set Screw or Crimped Termination
- Santoprene Insulator is shatter and crack proof
- Self compensating for wear-slit and cam male contact design
- Compatible with other cam type devices
- Color-coded insulators for easy phase identification

Male / Female Panel Receptacles
- Threaded stud terminal available in various lengths (.50" std.)
- Santoprene insulator is shatter and crack proof
- Compatible with other cam type devices
- Color-coded for easy phase identification

PAGES K3-K5

16 & 18 SERIES

16D24-Y 16V21-G 16A23-E

16 Series – Taper Nose – Up to 400 Amp, 600V
18 Series – Ball Nose - Up to 400 Amp, 600V

Inline Detachable Connectors
- Single or Double Set Screw, or Crimped Termination
- Reusable sleeves and contacts for easy assembly and disassembly without special tools
- Compatible with other cam type devices
- Santoprene Insulator is shatter and crack proof
- Self compensating for wear-slit and cam male contact design
- Color-coded insulators for easy phase identification

Male / Female Panel Receptacles
- Double Set Screw termination or threaded stud terminal available in various lengths (.75" std.)
- Santoprene Insulator is shatter and crack proof
- Compatible with other cam type devices
- Color-coded insulators for easy phase identification

Multi-Way Connectors
- Paralleling and Tapping Tees 3 – Fers
- Double Females and Double Males

PAGES K6-K25

17 & 19 SERIES

17D23-E 19V21-E

17 Series – Taper Nose – Up to 690 AMP, 600V
19 Series – Ball Nose – Up to 690 AMP, 600V

In Lines
- Designed to withstand grueling industrial use
- Double set screw or crimped termination 250 – 350MCM; 350 – 500MCM; 500 – 750MCM Cable sizes
- Detachable or Vulcanized insulators
- Compatible with other manufacturers
- Protective Caps

Panel Receptacles
- 90 degree and 30 degree
- Male and Female Receptacles
- Threaded stud termination

PAGES K36-K47

22 & 23 SERIES

22L21-R 22R23-E

22 Series – Latching Ball Nose – Up to 690 AMP, 600V
23 Series – Latching Taper Nose –Up to 690 AMP, 600V

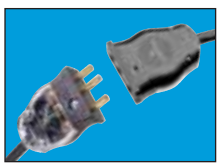
In Lines
- Positive latching – Vibration Resistant
- Tested by ETL Laboratories to meet Navy Specifications
- Compatible with other manufacturers
- Crimped Termination 250 – 350MCM; 350 – 500MCM; 500 – 750MCM Cable sizes
- Waterproof when Vulcanized

Panel Receptacles
- 90 degree and 30 degree
- Male and Female Receptacles
- Threaded stud termination

PAGES K48-K52

SEE ADDITIONAL APPLICATION, FEATURE AND BENEFIT AND GENERAL INFORMATION ON PAGE K54

For Rhino-Hide® 49 Series, See page K60



For Stage Pin Devices, See page K56

Cam-Type Connector Features

16D35-E

16D26-E

COMPONENT	DESCRIPTION
15, 16, 18 Series Connectors	
Sleeve	Santoprene
Contact	Brass
Strain Relief	Copper Wire
17,19, 22/23 Series Connectors	
Sleeve	Neoprene
Contact	Brass
Strain Relief	Copper Wire

STANDARDS & CERTIFICATIONS		
NEMA	UL	CSA
See individual pages throughout this section for specific Standards & Certifications information.		

Up to 140A,* 600V

15 Series, Taper Nose

SPECIFICATIONS & FEATURES
GENERAL
• The 15 Series Taper Nose mini-cam plugs, receptacles and connectors are tough and reliable. Primary applications include carnivals and theme parks, as well as the entertainment industry.

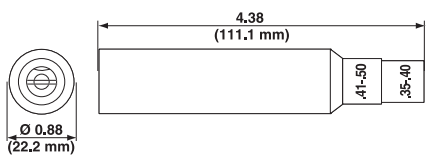
STANDARDS & CERTIFICATIONS		
NEMA	**UL**	**CSA**
3R-Rated (rainproof) for use outdoors	#E13399	152105

15D22-Y

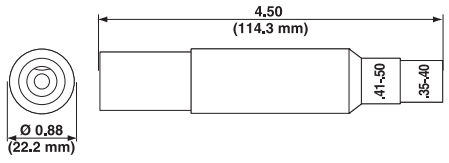
15SDM-48G

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Detachable Plug - Set Screw (Cable Size: #8-#4)			
Black	15D21-E	15D21-C	15SDM-48E
White	15D21-W	15D21-C	15SDM-48W
Red	15D21-R	15D21-C	15SDM-48R
Blue	15D21-B	15D21-C	15SDM-48B
Green	15D21-G	15D21-C	15SDM-48G
Yellow	15D21-Y	15D21-C	15SDM-48Y
Orange	15D21-O	15D21-C	15SDM-48O
Brown	15D21-H	15D21-C	15SDM-48H
Female Detachable Plug - Set Screw (Cable Size: #8-#4)			
Black	15D22-E	15D22-C	15SDF-48E
White	15D22-W	15D22-C	15SDF-48W
Red	15D22-R	15D22-C	15SDF-48R
Blue	15D22-B	15D22-C	15SDF-48B
Green	15D22-G	15D22-C	15SDF-48G
Yellow	15D22-Y	15D22-C	15SDF-48Y
Orange	15D22-O	15D22-C	15SDF-48O
Brown	15D22-H	15D22-C	15SDF-48H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE DETACHABLE PLUG—SET SCREW



FEMALE DETACHABLE PLUG—SET SCREW

Up to 140A,* 600V

15 Series, Taper Nose

SPECIFICATIONS & FEATURES
GENERAL
• The 15 Series Taper Nose mini-cam plugs, receptacles and connectors are tough and reliable. Primary applications include carnivals and theme parks, as well as the entertainment industry.

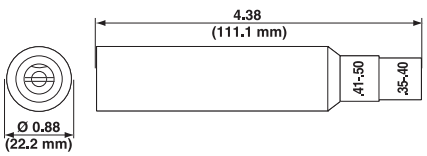
STANDARDS & CERTIFICATIONS		
NEMA	**UL**	**CSA**
3R-Rated (rainproof) for use outdoors	#E13399	152105

15D23-B

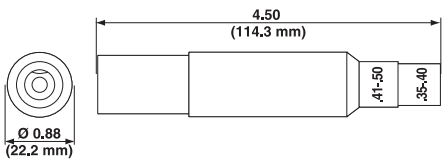
15D24-E

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Detachable Plug - Crimped (Cable Size: #8-#4)			
Black	15D23-E	15D23-C	15SDM-48E
White	15D23-W	15D23-C	15SDM-48W
Red	15D23-R	15D23-C	15SDM-48R
Blue	15D23-B	15D23-C	15SDM-48B
Green	15D23-G	15D23-C	15SDM-48G
Yellow	15D23-Y	15D23-C	15SDM-48Y
Orange	15D23-O	15D23-C	15SDM-48O
Brown	15D23-H	15D23-C	15SDM-48H
Female Detachable Plug - Crimped (Cable Size: #8-#4)			
Black	15D24-E	15D24-C	15SDF-48E
White	15D24-W	15D24-C	15SDF-48W
Red	15D24-R	15D24-C	15SDF-48R
Blue	15D24-B	15D24-C	15SDF-48B
Green	15D24-G	15D24-C	15SDF-48G
Yellow	15D24-Y	15D24-C	15SDF-48Y
Orange	15D24-O	15D24-C	15SDF-48O
Brown	15D24-H	15D24-C	15SDF-48H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE DETACHABLE PLUG—SET SCREW



FEMALE DETACHABLE PLUG—SET SCREW

Up to 140A,* 600V

15 Series, Taper Nose

SPECIFICATIONS & FEATURES
GENERAL
• The 15 Series Taper Nose mini-cam plugs, receptacles and connectors are tough and reliable. Primary applications include carnivals and theme parks, as well as the entertainment industry.

STANDARDS & CERTIFICATIONS		
NEMA	**UL**	**CSA**
3R-Rated (rainproof) for use outdoors	#E13399	152105

15R21-H

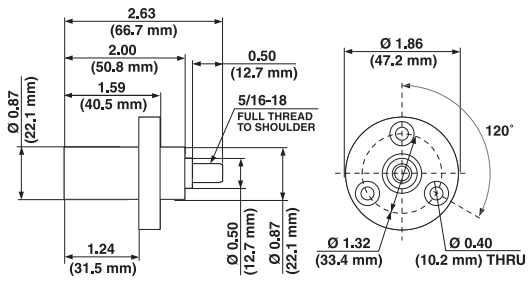
15P21-E

15A21-G

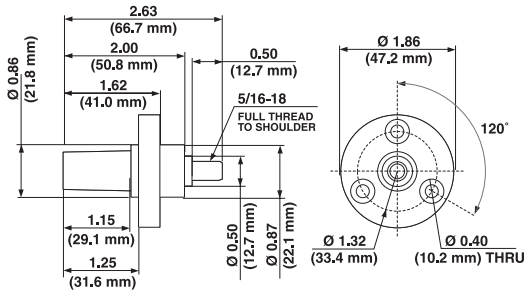
COLOR	MALE CATALOG NUMBER	FEMALE CATALOG NUMBER
Panel Receptacle - Threaded Stud (Cable Size: #8-#4)		
Black	15R21-E	15R22-E
White	15R21-W	15R22-W
Red	15R21-R	15R22-R
Blue	15R21-B	15R22-B
Green	15R21-G	15R22-G
Yellow	15R21-Y	15R22-Y
Orange	15R21-O	15R22-O
Brown	15R21-H	15R22-H
Protective Caps		
Black	15P21-E	15P22-E

COLOR	PARALLELING T FEMALE-MALE-MALE CATALOG NUMBER	TAPPING T FEMALE-FEMALE-MALE CATALOG NUMBER	DOUBLE FEMALE FEMALE-FEMALE CATALOG NUMBER
Three-Way "T" Connector			
Black	15A21-E	15A22-E	15A23-E
White	15A21-W	15A22-W	15A23-W
Red	15A21-R	15A22-R	15A23-R
Blue	15A21-B	15A22-B	15A23-B
Green	15A21-G	15A22-G	15A23-G

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE PANEL RECEPTACLE THREADED STUD



FEMALE PANEL RECEPTACLE THREADED STUD

Up to 400A,* 600V

16 Series, Taper Nose

SPECIFICATIONS & FEATURES
GENERAL
• The 16 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.

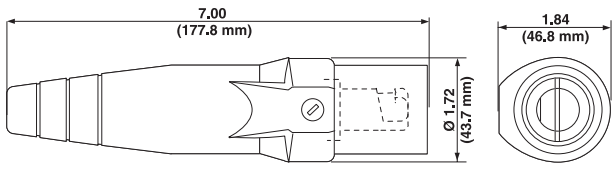
STANDARDS & CERTIFICATIONS		
NEMA	**UL**	**CSA**
3R-Rated for use outdoors	#E13399	152105 (All detachable plugs except single set screws)

16D21-O

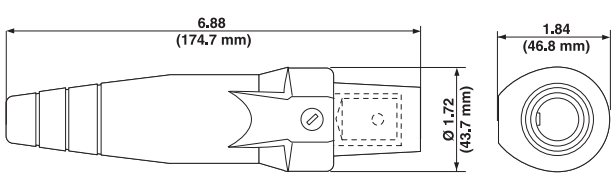
16D29-G

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Detachable Plug - Single Set Screw (Cable Size: #2-2/0)			
Black	16D21-E	16D21-C	16SDM-22E
White	16D21-W	16D21-C	16SDM-22W
Red	16D21-R	16D21-C	16SDM-22R
Blue	16D21-B	16D21-C	16SDM-22B
Green	16D21-G	16D21-C	16SDM-22G
Yellow	16D21-Y	16D21-C	16SDM-22Y
Orange	16D21-O	16D21-C	16SDM-22O
Brown	16D21-H	16D21-C	16SDM-22H
Female Detachable Plug - Single Set Screw (Cable Size: #2-2/0)			
Black	16D29-E	16D29-C	16SDF-22E
White	16D29-W	16D29-C	16SDF-22W
Red	16D29-R	16D29-C	16SDF-22R
Blue	16D29-B	16D29-C	16SDF-22B
Green	16D29-G	16D29-C	16SDF-22G
Yellow	16D29-Y	16D29-C	16SDF-22Y
Orange	16D29-O	16D29-C	16SDF-22O
Brown	16D29-H	16D29-C	16SDF-22H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE DETACHABLE PLUG—SINGLE SET SCREW



FEMALE DETACHABLE PLUG—SINGLE SET SCREW

Up to 400A,* 600V

16 Series, Taper Nose

SPECIFICATIONS & FEATURES
GENERAL
• The 16 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.

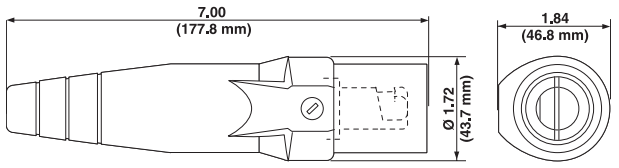
STANDARDS & CERTIFICATIONS		
NEMA	**UL**	**CSA**
3R-Rated for use outdoors	#E13399	152105 (All detachable plugs except single set screws)

16D23-B

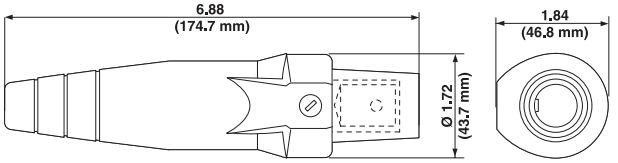
16D32-W

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Detachable Plug - Single Set Screw (Cable Size: 1/0-4/0)			
Black	16D23-E	16D23-C	16SDM-14E
White	16D23-W	16D23-C	16SDM-14W
Red	16D23-R	16D23-C	16SDM-14R
Blue	16D23-B	16D23-C	16SDM-14B
Green	16D23-G	16D23-C	16SDM-14G
Yellow	16D23-Y	16D23-C	16SDM-14Y
Orange	16D23-O	16D23-C	16SDM-14O
Brown	16D23-H	16D23-C	16SDM-14H
Female Detachable Plug - Single Set Screw (Cable Size: 1/0-4/0)			
Black	16D32-E	16D32-C	16SDF-14E
White	16D32-W	16D32-C	16SDF-14W
Red	16D32-R	16D32-C	16SDF-14R
Blue	16D32-B	16D32-C	16SDF-14B
Green	16D32-G	16D32-C	16SDF-14G
Yellow	16D32-Y	16D32-C	16SDF-14Y
Orange	16D32-O	16D32-C	16SDF-14O
Brown	16D32-H	16D32-C	16SDF-14H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE DETACHABLE PLUG—SINGLE SET SCREW



FEMALE DETACHABLE PLUG—SINGLE SET SCREW

SPECIFICATIONS & FEATURES
GENERAL
• The 16 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.

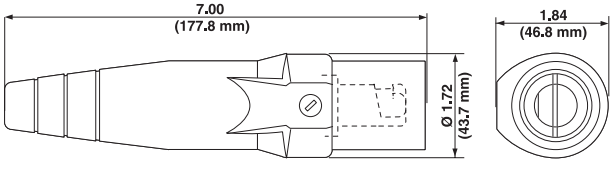
STANDARDS & CERTIFICATIONS		
NEMA	**UL**	**CSA**
3R-Rated for use outdoors	#E13399	152105 (All detachable plugs except single set screws)

16D22-E

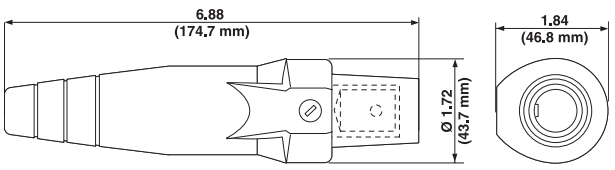
16D31-O

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Detachable Plug - Double Set Screw (Cable Size: #2-2/0)			
Black	16D22-E	16D22-C	16SDM-22E
White	16D22-W	16D22-C	16SDM-22W
Red	16D22-R	16D22-C	16SDM-22R
Blue	16D22-B	16D22-C	16SDM-22B
Green	16D22-G	16D22-C	16SDM-22G
Yellow	16D22-Y	16D22-C	16SDM-22Y
Orange	16D22-O	16D22-C	16SDM-22O
Brown	16D22-H	16D22-C	16SDM-22H
Female Detachable Plug - Double Set Screw (Cable Size: #2-2/0)			
Black	16D31-E	16D31-C	16SDF-22E
White	16D31-W	16D31-C	16SDF-22W
Red	16D31-R	16D31-C	16SDF-22R
Blue	16D31-B	16D31-C	16SDF-22B
Green	16D31-G	16D31-C	16SDF-22G
Yellow	16D31-Y	16D31-C	16SDF-22Y
Orange	16D31-O	16D31-C	16SDF-22O
Brown	16D31-H	16D31-C	16SDF-22H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE DETACHABLE PLUG—DOUBLE SET SCREW



FEMALE DETACHABLE PLUG—DOUBLE SET SCREW

Up to 400A,* 600V

16 Series, Taper Nose

SPECIFICATIONS & FEATURES
GENERAL
• The 16 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.

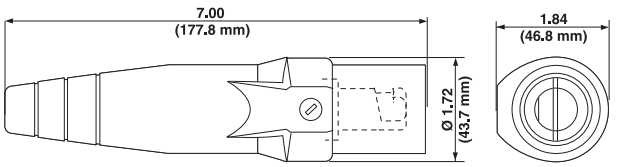
STANDARDS & CERTIFICATIONS		
NEMA	**UL**	**CSA**
3R-Rated for use outdoors	#E13399	152105 (All detachable plugs except single set screws)

16D24-Y

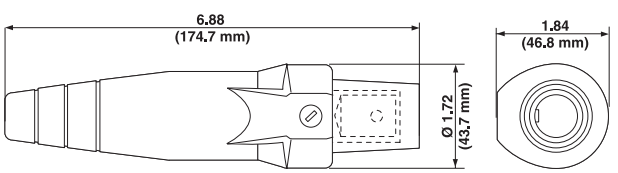
16D33-O

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Detachable Plug - Double Set Screw (Cable Size: 1/0-4/0)			
Black	16D24-E	16D24-C	16SDM-14E
White	16D24-W	16D24-C	16SDM-14W
Red	16D24-R	16D24-C	16SDM-14R
Blue	16D24-B	16D24-C	16SDM-14B
Green	16D24-G	16D24-C	16SDM-14G
Yellow	16D24-Y	16D24-C	16SDM-14Y
Orange	16D24-O	16D24-C	16SDM-14O
Brown	16D24-H	16D24-C	16SDM-14H
Female Detachable Plug - Double Set Screw (Cable Size: 1/0-4/0)			
Black	16D33-E	16D33-C	16SDF-14E
White	16D33-W	16D33-C	16SDF-14W
Red	16D33-R	16D33-C	16SDF-14R
Blue	16D33-B	16D33-C	16SDF-14B
Green	16D33-G	16D33-C	16SDF-14G
Yellow	16D33-Y	16D33-C	16SDF-14Y
Orange	16D33-O	16D33-C	16SDF-14O
Brown	16D33-H	16D33-C	16SDF-14H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE DETACHABLE PLUG—DOUBLE SET SCREW



FEMALE DETACHABLE PLUG—DOUBLE SET SCREW

Up to 400A,* 600V

16 Series, Taper Nose

SPECIFICATIONS & FEATURES
GENERAL
• The 16 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.

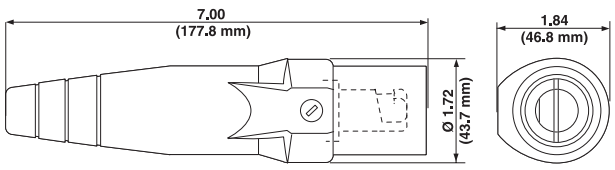
STANDARDS & CERTIFICATIONS		
NEMA	**UL**	**CSA**
3R-Rated for use outdoors	#E13399	152105 (All detachable plugs except single set screws)

16D25-R

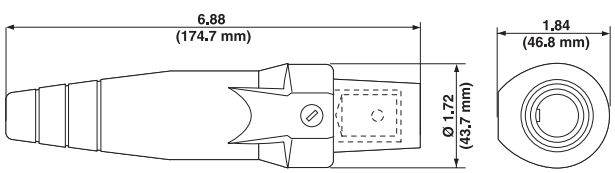
16D34-B

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Detachable Plug - Crimped (Cable Size: #2-#1)			
Black	16D25-E	16D25-C	16SDM-22E
White	16D25-W	16D25-C	16SDM-22W
Red	16D25-R	16D25-C	16SDM-22R
Blue	16D25-B	16D25-C	16SDM-22B
Green	16D25-G	16D25-C	16SDM-22G
Yellow	16D25-Y	16D25-C	16SDM-22Y
Orange	16D25-O	16D25-C	16SDM-22O
Brown	16D25-H	16D25-C	16SDM-22H
Female Detachable Plug - Crimped (Cable Size: #2-#1)			
Black	16D34-E	16D34-C	16SDF-22E
White	16D34-W	16D34-C	16SDF-22W
Red	16D34-R	16D34-C	16SDF-22R
Blue	16D34-B	16D34-C	16SDF-22B
Green	16D34-G	16D34-C	16SDF-22G
Yellow	16D34-Y	16D34-C	16SDF-22Y
Orange	16D34-O	16D34-C	16SDF-22O
Brown	16D34-H	16D34-C	16SDF-22H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE DETACHABLE PLUG—CRIMPED



FEMALE DETACHABLE PLUG—CRIMPED

Up to 400A,* 600V

16 Series, Taper Nose

SPECIFICATIONS & FEATURES
GENERAL
• The 16 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.

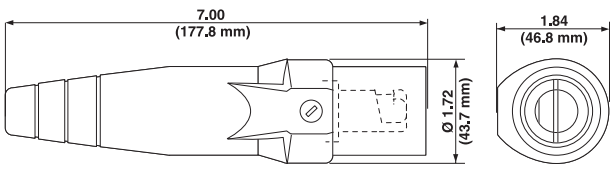
STANDARDS & CERTIFICATIONS		
NEMA	**UL**	**CSA**
3R-Rated for use outdoors	#E13399	152105 (All detachable plugs except single set screws)

16D26-G

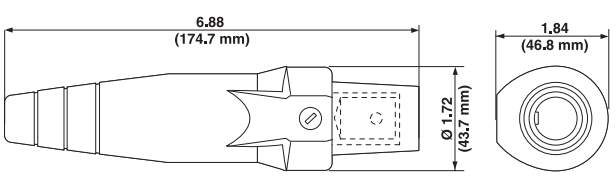
16D35-Y

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Detachable Plug - Crimped (Cable Size: 1/0-2/0)			
Black	16D26-E	16D26-C	16SDM-22E
White	16D26-W	16D26-C	16SDM-22W
Red	16D26-R	16D26-C	16SDM-22R
Blue	16D26-B	16D26-C	16SDM-22B
Green	16D26-G	16D26-C	16SDM-22G
Yellow	16D26-Y	16D26-C	16SDM-22Y
Orange	16D26-O	16D26-C	16SDM-22O
Brown	16D26-H	16D26-C	16SDM-22H
Female Detachable Plug - Crimped (Cable Size: 1/0-2/0)			
Black	16D35-E	16D35-C	16SDF-22E
White	16D35-W	16D35-C	16SDF-22W
Red	16D35-R	16D35-C	16SDF-22R
Blue	16D35-B	16D35-C	16SDF-22B
Green	16D35-G	16D35-C	16SDF-22G
Yellow	16D35-Y	16D35-C	16SDF-22Y
Orange	16D35-O	16D35-C	16SDF-22O
Brown	16D35-H	16D35-C	16SDF-22H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE DETACHABLE PLUG—CRIMPED



FEMALE DETACHABLE PLUG—CRIMPED

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

Up to 400A,* 600V

16 Series, Taper Nose

SPECIFICATIONS & FEATURES
GENERAL
• The 16 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.

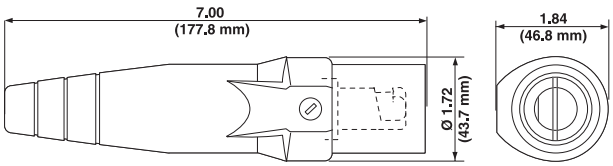
STANDARDS & CERTIFICATIONS		
NEMA	**UL**	**CSA**
3R-Rated for use outdoors	#E13399	152105 (All detachable plugs except single set screws)

16D28-W

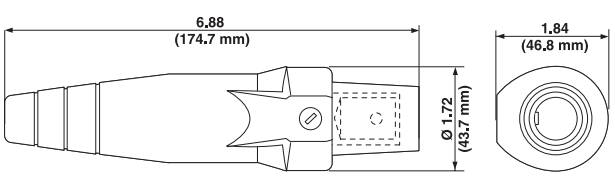
16D37-H

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Detachable Plug - Crimped (Cable Size: 3/0-4/0)			
Black	16D28-E	16D28-C	16SDM-14E
White	16D28-W	16D28-C	16SDM-14W
Red	16D28-R	16D28-C	16SDM-14R
Blue	16D28-B	16D28-C	16SDM-14B
Green	16D28-G	16D28-C	16SDM-14G
Yellow	16D28-Y	16D28-C	16SDM-14Y
Orange	16D28-O	16D28-C	16SDM-14O
Brown	16D28-H	16D28-C	16SDM-14H
Female Detachable Plug - Crimped (Cable Size: 3/0-4/0)			
Black	16D37-E	16D37-C	16SDF-14E
White	16D37-W	16D37-C	16SDF-14W
Red	16D37-R	16D37-C	16SDF-14R
Blue	16D37-B	16D37-C	16SDF-14B
Green	16D37-G	16D37-C	16SDF-14G
Yellow	16D37-Y	16D37-C	16SDF-14Y
Orange	16D37-O	16D37-C	16SDF-14O
Brown	16D37-H	16D37-C	16SDF-14H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE DETACHABLE PLUG—CRIMPED



FEMALE DETACHABLE PLUG—CRIMPED

Up to 400A,* 600V

16 Series, Taper Nose

SPECIFICATIONS & FEATURES
GENERAL
• The 16 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.

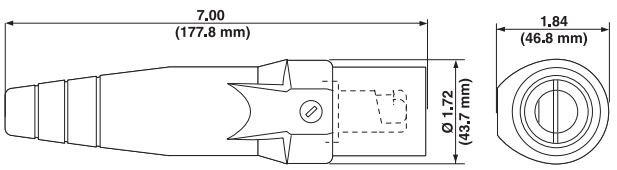
STANDARDS & CERTIFICATIONS		
NEMA	**UL**	**CSA**
3R-Rated for use outdoors	#E13399	152105 (All detachable plugs except single set screws)

16D27-B

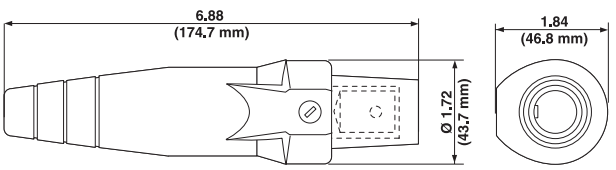
16D36-Y

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Heavy Duty Male Detachable Plug - Crimped (Cable Size: 1/0-2/0)			
Black	16D27-E	16D27-C	16SDM-HDE
White	16D27-W	16D27-C	16SDM-HDW
Red	16D27-R	16D27-C	16SDM-HDR
Blue	16D27-B	16D27-C	16SDM-HDB
Green	16D27-G	16D27-C	16SDM-HDG
Yellow	16D27-Y	16D27-C	16SDM-HDY
Orange	16D27-O	16D27-C	16SDM-HDO
Brown	16D27-H	16D27-C	16SDM-HDH
Heavy Duty Female Detachable Plug - Crimped (Cable Size: 1/0-2/0)			
Black	16D36-E	16D36-C	16SDF-HDE
White	16D36-W	16D36-C	16SDF-HDW
Red	16D36-R	16D36-C	16SDF-HDR
Blue	16D36-B	16D36-C	16SDF-HDB
Green	16D36-G	16D36-C	16SDF-HDG
Yellow	16D36-Y	16D36-C	16SDF-HDY
Orange	16D36-O	16D36-C	16SDF-HDO
Brown	16D36-H	16D36-C	16SDF-HDH

*Refer to Ampacity Chart for all cable sizes on page K53.



HEAVY DUTY MALE DETACHABLE PLUG—CRIMPED



HEAVY DUTY FEMALE DETACHABLE PLUG—CRIMPED

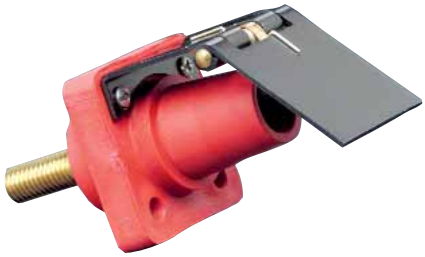
Protective Caps and Covers

16 Series

STANDARDS & CERTIFICATIONS		
NEMA	UL	CSA
3R-Rated for use outdoors	#E13399	152105 (All detachable plugs except single set screws)

16S21-O

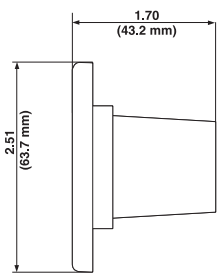
16P22-E



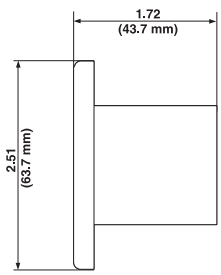
16S21 Mounted on 16R24-14R

COLOR	MALE CATALOG NUMBER	FEMALE CATALOG NUMBER
Protective Caps		
Black	16P21-E	16P22-E
White	16P21-W	16P22-W
Red	16P21-R	16P22-R
Blue	16P21-B	16P22-B
Green	16P21-G	16P22-G
Yellow	16P21-Y	16P22-Y
Orange	16P21-O	16P22-O
Brown	16P21-H	16P22-H
Snap Back Covers - for Male and Female Panel Receptacles		
Black	16S21-E	–
White	16S21-W	–
Red	16S21-R	–
Blue	16S21-B	–
Green	16S21-G	–
Yellow	16S21-Y	–
Orange	16S21-O	–
Brown	16S21-H	–

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE PROTECTIVE CAP



FEMALE PROTECTIVE CAP

Up to 400A,* 600V

16 Series, Taper Nose

SPECIFICATIONS & FEATURES
GENERAL
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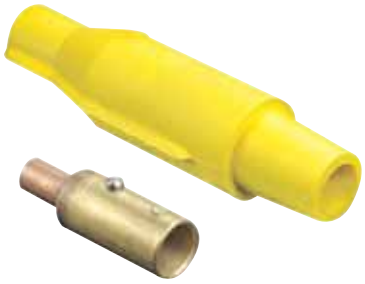
STANDARDS & CERTIFICATIONS		
NEMA	**UL**	**CSA**
3R-Rated for use outdoors	#E13399	152105 (All detachable plugs except single set screws)

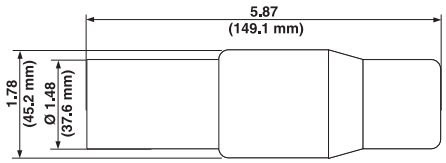
16V21-G



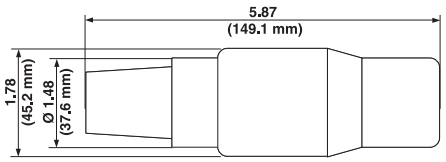
16V25-Y

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Vulcanized Plug - Crimped (Cable Size: #2-#1)			
Black	16V21-E	16V21-C	16SVM-21E
White	16V21-W	16V21-C	16SVM-21W
Red	16V21-R	16V21-C	16SVM-21R
Blue	16V21-B	16V21-C	16SVM-21B
Green	16V21-G	16V21-C	16SVM-21G
Yellow	16V21-Y	16V21-C	16SVM-21Y
Orange	16V21-O	16V21-C	16SVM-21O
Brown	16V21-H	16V21-C	16SVM-21H
Female Vulcanized Plug - Crimped (Cable Size: #2-#1)			
Black	16V25-E	16V25-C	16SVF-21E
White	16V25-W	16V25-C	16SVF-21W
Red	16V25-R	16V25-C	16SVF-21R
Blue	16V25-B	16V25-C	16SVF-21B
Green	16V25-G	16V25-C	16SVF-21G
Yellow	16V25-Y	16V25-C	16SVF-21Y
Orange	16V25-O	16V25-C	16SVF-21O
Brown	16V25-H	16V25-C	16SVF-21H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE VULCANIZED PLUG—CRIMPED



FEMALE VULCANIZED PLUG—CRIMPED

Up to 400A,* 600V

16 Series, Taper Nose

SPECIFICATIONS & FEATURES
GENERAL
• The 16 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.

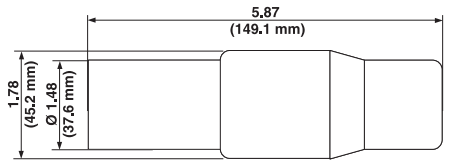
STANDARDS & CERTIFICATIONS		
NEMA	**UL**	**CSA**
3R-Rated for use outdoors	#E13399	152105 (All detachable plugs except single set screws)

16V22-B

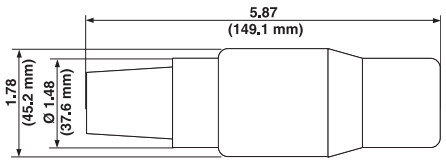
16V26-R

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Vulcanized Plug - Crimped (Cable Size: 1/0-2/0)			
Black	16V22-E	16V22-C	16SVM-12E
White	16V22-W	16V22-C	16SVM-12W
Red	16V22-R	16V22-C	16SVM-12R
Blue	16V22-B	16V22-C	16SVM-12B
Green	16V22-G	16V22-C	16SVM-12G
Yellow	16V22-Y	16V22-C	16SVM-12Y
Orange	16V22-O	16V22-C	16SVM-12O
Brown	16V22-H	16V22-C	16SVM-12H
Female Vulcanized Plug - Crimped (Cable Size: 1/0-2/0)			
Black	16V26-E	16V26C	16SVF-12E
White	16V26-W	16V26-C	16SVF-12W
Red	16V26-R	16V26-C	16SVF-12R
Blue	16V26-B	16V26-C	16SVF-12B
Green	16V26-G	16V26-C	16SVF-12G
Yellow	16V26-Y	16V26-C	16SVF-12Y
Orange	16V26-O	16V26-C	16SVF-12O
Brown	16V26-H	16V26-C	16SVF-12H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE VULCANIZED PLUG—CRIMPED



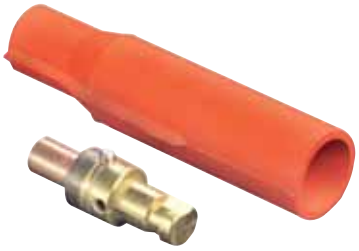
FEMALE VULCANIZED PLUG—CRIMPED

Up to 400A,* 600V

16 Series, Taper Nose

SPECIFICATIONS & FEATURES
GENERAL
• The 16 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.

STANDARDS & CERTIFICATIONS		
NEMA	**UL**	**CSA**
3R-Rated for use outdoors	#E13399	152105 (All detachable plugs except single set screws)

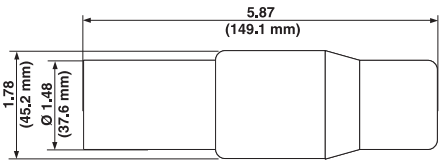


16V23-O

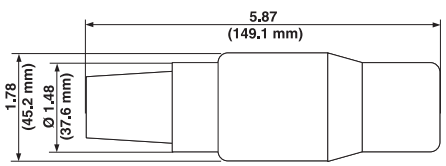
16V27-G

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Heavy Duty Male Vulcanized Plug - Crimped (Cable Size: 1/0-2/0)			
Black	16V23-E	16V23-C	16SVM-HDE
White	16V23-W	16V23-C	16SVM-HDW
Red	16V23-R	16V23-C	16SVM-HDR
Blue	16V23-B	16V23-C	16SVM-HDB
Green	16V23-G	16V23-C	16SVM-HDG
Yellow	16V23-Y	16V23-C	16SVM-HDY
Orange	16V23-O	16V23-C	16SVM-HDO
Brown	16V23-H	16V23-C	16SVM-HDH
Heavy Duty Female Vulcanized Plug - Crimped (Cable Size: 1/0-2/0)			
Black	16V27-E	16V27-C	16SVF-HDE
White	16V27-W	16V27-C	16SVF-HDW
Red	16V27-R	16V27-C	16SVF-HDR
Blue	16V27-B	16V27-C	16SVF-HDB
Green	16V27-G	16V27-C	16SVF-HDG
Yellow	16V27-Y	16V27-C	16SVF-HDY
Orange	16V27-O	16V27-C	16SVF-HDO
Brown	16V27-H	16V27-C	16SVF-HDH

*Refer to Ampacity Chart for all cable sizes on page K53.



HEAVY DUTY MALE VULCANIZED PLUG—CRIMPED



HEAVY DUTY FEMALE VULCANIZED PLUG—CRIMPED

Up to 400A,* 600V

16 Series, Taper Nose

SPECIFICATIONS & FEATURES
GENERAL
• The 16 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.

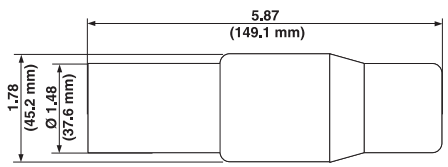
STANDARDS & CERTIFICATIONS		
NEMA	**UL**	**CSA**
3R-Rated for use outdoors	#E13399	152105 (All detachable plugs except single set screws)

16V24-Y

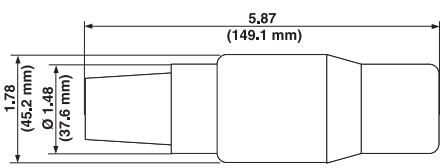
16V28-E

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Vulcanized Plug - Crimped (Cable Size: 3/0-4/0)			
Black	16V24-E	16V24-C	16SVM-34E
White	16V24-W	16V24-C	16SVM-34W
Red	16V24-R	16V24-C	16SVM-34R
Blue	16V24-B	16V24-C	16SVM-34B
Green	16V24-G	16V24-C	16SVM-34G
Yellow	16V24-Y	16V24-C	16SVM-34Y
Orange	16V24-O	16V24-C	16SVM-34O
Brown	16V24-H	16V24-C	16SVM-34H
Female Vulcanized Plug - Crimped (Cable Size: 3/0-4/0)			
Black	16V28-E	16V28-C	16SVF-34E
White	16V28-W	16V28-C	16SVF-34W
Red	16V28-R	16V28-C	16SVF-34R
Blue	16V28-B	16V28-C	16SVF-34B
Green	16V28-G	16V28-C	16SVF-34G
Yellow	16V28-Y	16V28-C	16SVF-34Y
Orange	16V28-O	16V28-C	16SVF-34O
Brown	16V28-H	16V28-C	16SVF-34H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE VULCANIZED PLUG—CRIMPED



FEMALE VULCANIZED PLUG—CRIMPED

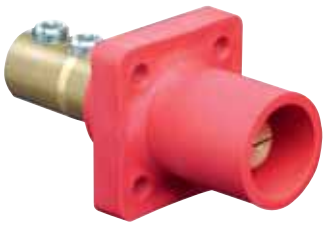
Up to 400A,* 600V

16 Series, Taper Nose

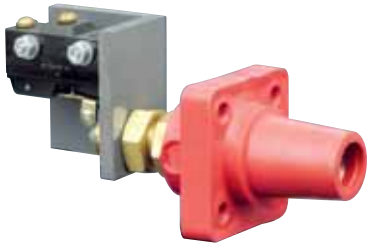
SPECIFICATIONS & FEATURES
GENERAL
• The 16 Series Taper Nose products are the connectors of choice for concerts, sound stages, movie making, television production, sporting events and conventions.

STANDARDS & CERTIFICATIONS		
NEMA	**UL**	**CSA**
3R-Rated for use outdoors	#E151429	LR-76878-4

16F21-B



16R21-R



16RSW-R

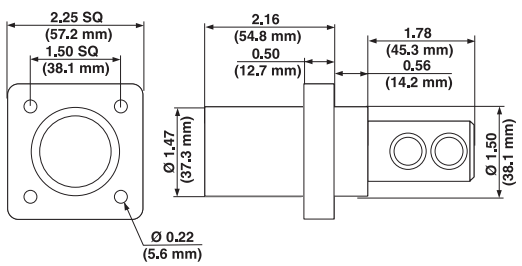
COLOR	ANGLE STYLE	OFFSET STYLE
Female Terminal Connector (Cable Size: #2-4/0)		
Black	16F21-E	16F22-E
White	16F21-W	16F22-W
Red	16F21-R	16F22-R
Blue	16F21-B	16F22-B
Green	16F21-G	16F22-G
Yellow	16F21-Y	16F22-Y
Orange	16F21-O	16F22-O
Brown	16F21-H	16F22-H

COLOR	DOUBLE SET SCREW STYLE - (CABLE SIZE: 1/0-4/0)		THREADED STUD STYLE - (CABLE SIZE: #2-4/0)		
	MALE	FEMALE	MALE†	FEMALE	w/Micro Switch
Panel Receptacles					
Black	16R21-E	16R22-E	16R23-E	16R24-E	16RSW-E
White	16R21-W	16R22-W	16R23-W	16R24-W	16RSW-W
Red	16R21-R	16R22-R	16R23-R	16R24-R	16RSW-R
Blue	16R21-B	16R22-B	16R23-B	16R24-B	16RSW-B
Green	16R21-G	16R22-G	16R23-G	16R24-G	16RSW-G
Yellow	16R21-Y	16R22-Y	16R23-Y	16R24-Y	16RSW-Y
Orange	16R21-O	16R22-O	16R23-O	16R24-O	16RSW-O
Brown	16R21-H	16R22-H	16R23-H	16R24-H	16RSW-H

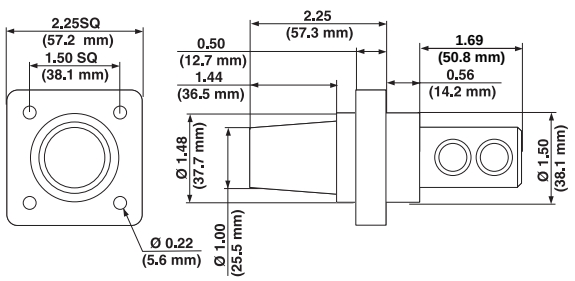
*Refer to Ampacity Chart for all cable sizes on page K53.

**Threaded stud panel receptacles available in various lengths: Standard stud length is 3/4" – 1" stud length specify – 10 suffix; 1.125" stud length specify – 11 suffix; 1.25" stud length specify – 12 suffix; 1.50" stud length specify – 14 suffix; 2.00" stud length specify – 20 suffix (16R24 only). Other stud lengths available.

†A 16 Series Single Pole Male Panel Receptacle with Taper Nose w/threaded stud 1.5" is available in orange: order catalog 16R23-14O



MALE DOUBLE SET SCREW PANEL RECEPTACLE



FEMALE DOUBLE SET SCREW PANEL RECEPTACLE

Up to 400A,* 600V

16 Series, Taper Nose

SPECIFICATIONS & FEATURES
GENERAL
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STANDARDS & CERTIFICATIONS		
NEMA	**UL**	**CSA**
3R-Rated for use outdoors	#E151429	LR-76878-4

16A21-G

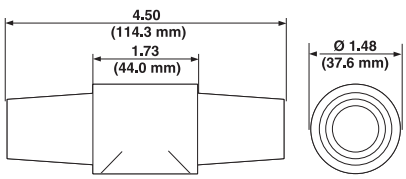
16A23-E

16A24-W

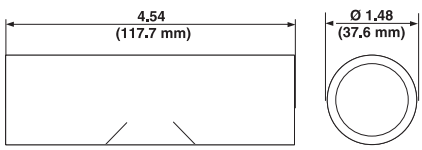
COLOR	PARALLELING TEE	TAPPING TEE
	FEMALE-MALE-MALE	FEMALE-FEMALE-MALE
Multi-Way Connectors		
Black	16A21-E	16A22-E
White	16A21-W	16A22-W
Red	16A21-R	16A22-R
Blue	16A21-B	16A22-B
Green	16A21-G	16A22-G
Yellow	16A21-Y	16A22-Y
Orange	16A21-O	16A22-O
Brown	16A21-H	16A22-H

COLOR	3-FER	3-FER	DOUBLE FEMALE	DOUBLE MALE
	MALE-FEMALE-FEMALE-FEMALE	FEMALE-MALE-MALE-MALE	FEMALE-FEMALE	MALE-MALE
Multi-Way Connectors				
Black	16A23-E	16A26-E	16A24-E	16A25-E
White	16A23-W	16A26-W	16A24-W	16A25-W
Red	16A23-R	16A26-R	16A24-R	16A25-R
Blue	16A23-B	16A26-B	16A24-B	16A25-B
Green	16A23-G	16A26-G	16A24-G	16A25-G
Yellow	16A23-Y	16A26-Y	16A24-Y	16A25-Y
Orange	16A23-O	16A26-O	16A24-O	16A25-O
Brown	16A23-H	16A26-H	16A24-H	16A25-H

*Refer to Ampacity Chart for all cable sizes on page K53.



MULTI-WAY CONNECTOR—FEMALE TO FEMALE



MULTI-WAY CONNECTOR—MALE TO MALE

Up to 400A,* 600V

18 Series, Ball Nose

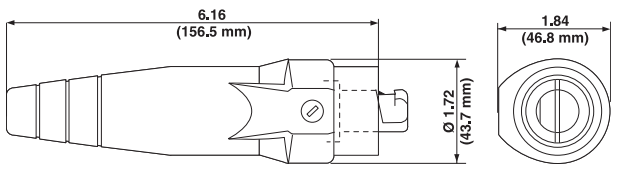
SPECIFICATIONS & FEATURES
GENERAL
• The 18 Series Ball Nose pin and sleeve type plugs, receptacles and connectors are used by the broadcast industry in Canada, as well as the welding industry in the United States.

18D21-B

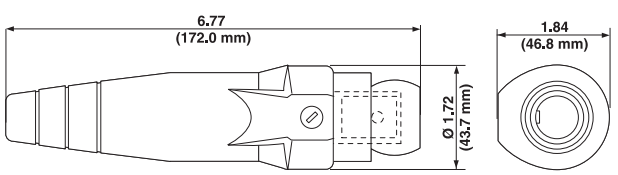
18D29-O

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Detachable Plug - Single Set Screw (Cable Size: #2-2/0)			
Black	18D21-E	18D21-C	18SDM-22E
White	18D21-W	18D21-C	18SDM-22W
Red	18D21-R	18D21-C	18SDM-22R
Blue	18D21-B	18D21-C	18SDM-22B
Green	18D21-G	18D21-C	18SDM-22G
Yellow	18D21-Y	18D21-C	18SDM-22Y
Orange	18D21-O	18D21-C	18SDM-22O
Brown	18D21-H	18D21-C	18SDM-22H
Female Detachable Plug - Single Set Screw (Cable Size: #2-2/0)			
Black	18D29-E	18D29-C	18SDF-22E
White	18D29-W	18D29-C	18SDF-22W
Red	18D29-R	18D29-C	18SDF-22R
Blue	18D29-B	18D29-C	18SDF-22B
Green	18D29-G	18D29-C	18SDF-22G
Yellow	18D29-Y	18D29-C	18SDF-22Y
Orange	18D29-O	18D29-C	18SDF-22O
Brown	18D29-H	18D29-C	18SDF-22H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE DETACHABLE PLUG—SINGLE SET SCREW



FEMALE DETACHABLE PLUG—SINGLE SET SCREW

Up to 400A,* 600V

18 Series, Ball Nose

SPECIFICATIONS & FEATURES

GENERAL

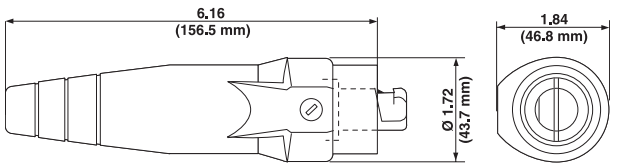
- The 18 Series Ball Nose pin and sleeve type plugs, receptacles and connectors are used by the broadcast industry in Canada, as well as the welding industry in the United States.

18D23-Y

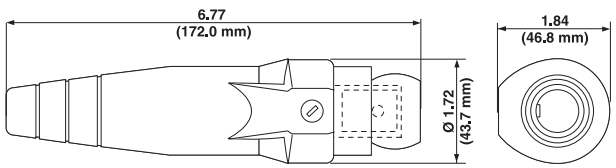
18D32-H

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Detachable Plug - Single Set Screw (Cable Size: 1/0-4/0)			
Black	18D23-E	18D23-C	18SDM-14E
White	18D23-W	18D23-C	18SDM-14W
Red	18D23-R	18D23-C	18SDM-14R
Blue	18D23-B	18D23-C	18SDM-14B
Green	18D23-G	18D23-C	18SDM-14G
Yellow	18D23-Y	18D23-C	18SDM-14Y
Orange	18D23-O	18D23-C	18SDM-14O
Brown	18D23-H	18D23-C	18SDM-14H
Female Detachable Plug - Single Set Screw (Cable Size: 1/0-4/0)			
Black	18D32-E	18D32-C	18SDF-14E
White	18D32-W	18D32-C	18SDF-14W
Red	18D32-R	18D32-C	18SDF-14R
Blue	18D32-B	18D32-C	18SDF-14B
Green	18D32-G	18D32-C	18SDF-14G
Yellow	18D32-Y	18D32-C	18SDF-14Y
Orange	18D32-O	18D32-C	18SDF-14O
Brown	18D32-H	18D32-C	18SDF-14H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE DETACHABLE PLUG—SINGLE SET SCREW



FEMALE DETACHABLE PLUG—SINGLE SET SCREW

Up to 400A,* 600V

18 Series, Ball Nose

SPECIFICATIONS & FEATURES
GENERAL
• The 18 Series Ball Nose pin and sleeve type plugs, receptacles and connectors are used by the broadcast industry in Canada, as well as the welding industry in the United States.

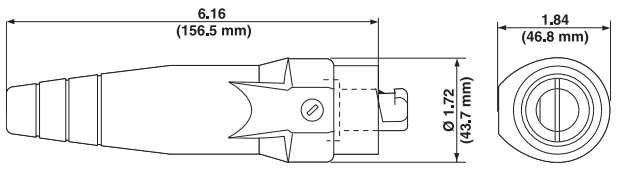
STANDARDS & CERTIFICATIONS	
UL	**CSA**
#E13399	152105 (All detachable plugs except single set screws)

18D22-G

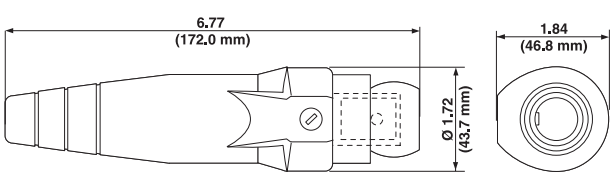
18D31-W

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Detachable Plug - Double Set Screw (Cable Size: #2-2/0)			
Black	18D22-E	18D22-C	18SDM-22E
White	18D22-W	18D22-C	18SDM-22W
Red	18D22-R	18D22-C	18SDM-22R
Blue	18D22-B	18D22-C	18SDM-22B
Green	18D22-G	18D22-C	18SDM-22G
Yellow	18D22-Y	18D22-C	18SDM-22Y
Orange	18D22-O	18D22-C	18SDM-22O
Brown	18D22-H	18D22-C	18SDM-22H
Female Detachable Plug - Double Set Screw (Cable Size: #2-2/0)			
Black	18D31-E	18D31-C	18SDF-22E
White	18D31-W	18D31-C	18SDF-22W
Red	18D31-R	18D31-C	18SDF-22R
Blue	18D31-B	18D31-C	18SDF-22B
Green	18D31-G	18D31-C	18SDF-22G
Yellow	18D31-Y	18D31-C	18SDF-22Y
Orange	18D31-O	18D31-C	18SDF-22O
Brown	18D31-H	18D31-C	18SDF-22H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE DETACHABLE PLUG—DOUBLE SET SCREW



FEMALE DETACHABLE PLUG—DOUBLE SET SCREW

Up to 400A,* 600V

18 Series, Ball Nose

SPECIFICATIONS & FEATURES
GENERAL
• The 18 Series Ball Nose pin and sleeve type plugs, receptacles and connectors are used by the broadcast industry in Canada, as well as the welding industry in the United States.

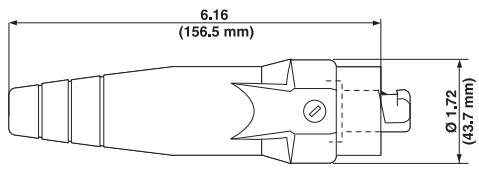
STANDARDS & CERTIFICATIONS	
UL	**CSA**
#E13399	152105 (All detachable plugs except single set screws)

18D24-E

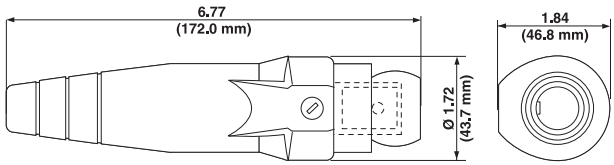
18D33-E

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Detachable Plug - Double Set Screw (Cable Size: 1/0-4/0)			
Black	18D24-E	18D24-C	18SDM-14E
White	18D24-W	18D24-C	18SDM-14W
Red	18D24-R	18D24-C	18SDM-14R
Blue	18D24-B	18D24-C	18SDM-14B
Green	18D24-G	18D24-C	18SDM-14G
Yellow	18D24-Y	18D24-C	18SDM-14Y
Orange	18D24-O	18D24-C	18SDM-14O
Brown	18D24-H	18D24-C	18SDM-14H
Female Detachable Plug - Double Set Screw (Cable Size: 1/0-4/0)			
Black	18D33-E	18D33-C	18SDF-14E
White	18D33-W	18D33-C	18SDF-14W
Red	18D33-R	18D33-C	18SDF-14R
Blue	18D33-B	18D33-C	18SDF-14B
Green	18D33-G	18D33-C	18SDF-14G
Yellow	18D33-Y	18D33-C	18SDF-14Y
Orange	18D33-O	18D33-C	18SDF-14O
Brown	18D33-H	18D33-C	18SDF-14H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE DETACHABLE PLUG—DOUBLE SET SCREW



FEMALE DETACHABLE PLUG—DOUBLE SET SCREW

Up to 400A,* 600V

18 Series, Ball Nose

SPECIFICATIONS & FEATURES
GENERAL
• The 18 Series Ball Nose pin and sleeve type plugs, receptacles and connectors are used by the broadcast industry in Canada, as well as the welding industry in the United States.

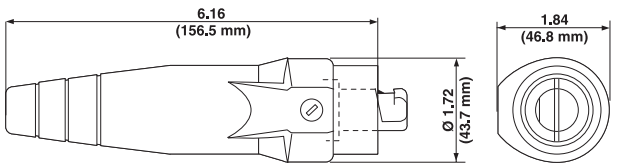
STANDARDS & CERTIFICATIONS	
UL	**CSA**
#E13399	152105 (All detachable plugs except single set screws)

18D25-Y

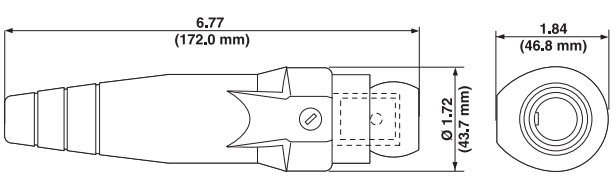
18D34-R

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Detachable Plug - Crimped (Cable Size: #2-#1)			
Black	18D25-E	18D25-C	18SDM-22E
White	18D25-W	18D25-C	18SDM-22W
Red	18D25-R	18D25-C	18SDM-22R
Blue	18D25-B	18D25-C	18SDM-22B
Green	18D25-G	18D25-C	18SDM-22G
Yellow	18D25-Y	18D25-C	18SDM-22Y
Orange	18D25-O	18D25-C	18SDM-22O
Brown	18D25-H	18D25-C	18SDM-22H
Female Detachable Plug - Crimped (Cable Size: #2-#1)			
Black	18D34-E	18D34-C	18SDF-22E
White	18D34-W	18D34-C	18SDF-22W
Red	18D34-R	18D34-C	18SDF-22R
Blue	18D34-B	18D34-C	18SDF-22B
Green	18D34-G	18D34-C	18SDF-22G
Yellow	18D34-Y	18D34-C	18SDF-22Y
Orange	18D34-O	18D34-C	18SDF-22O
Brown	18D34-H	18D34-C	18SDF-22H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE DETACHABLE PLUG—CRIMPED



FEMALE DETACHABLE PLUG—CRIMPED

Up to 400A,* 600V

18 Series, Ball Nose

SPECIFICATIONS & FEATURES
GENERAL
• The 18 Series Ball Nose pin and sleeve type plugs, receptacles and connectors are used by the broadcast industry in Canada, as well as the welding industry in the United States.

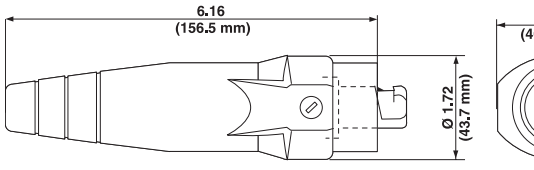
STANDARDS & CERTIFICATIONS	
UL	**CSA**
#E13399	152105 (All detachable plugs except single set screws)

18D26-W

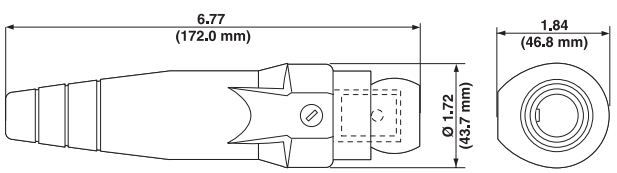
18D35-R

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Detachable Plug - Crimped (Cable Size: 1/0-2/0)			
Black	18D26-E	18D26-C	18SDM-22E
White	18D26-W	18D26-C	18SDM-22W
Red	18D26-R	18D26-C	18SDM-22R
Blue	18D26-B	18D26-C	18SDM-22B
Green	18D26-G	18D26-C	18SDM-22G
Yellow	18D26-Y	18D26-C	18SDM-22Y
Orange	18D26-O	18D26-C	18SDM-22O
Brown	18D26-H	18D26-C	18SDM-22H
Female Detachable Plug - Crimped (Cable Size: 1/0-2/0)			
Black	18D35-E	18D35-C	18SDF-22E
White	18D35-W	18D35-C	18SDF-22W
Red	18D35-R	18D35-C	18SDF-22R
Blue	18D35-B	18D35C	18SDF-22B
Green	18D35-G	18D35-C	18SDF-22G
Yellow	18D35-Y	18D35-C	18SDF-22Y
Orange	18D35-O	18D35-C	18SDF-22O
Brown	18D35-H	18D35-C	18SDF-22H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE DETACHABLE PLUG—CRIMPED



FEMALE DETACHABLE PLUG—CRIMPED

Up to 400A,* 600V

18 Series, Ball Nose

SPECIFICATIONS & FEATURES
GENERAL
• The 18 Series Ball Nose pin and sleeve type plugs, receptacles and connectors are used by the broadcast industry in Canada, as well as the welding industry in the United States.

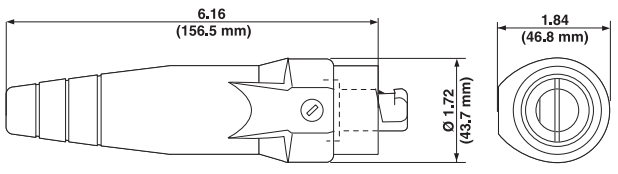
STANDARDS & CERTIFICATIONS	
UL	**CSA**
#E13399	152105 (All detachable plugs except single set screws)

18D28-B

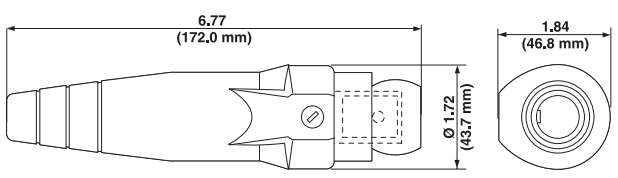
18D37-R

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Detachable Plug - Crimped (Cable Size: 3/0-4/0)			
Black	18D28-E	18D28-C	18SDM-14E
White	18D28-W	18D28-C	18SDM-14W
Red	18D28-R	18D28-C	18SDM-14R
Blue	18D28-B	18D28-C	18SDM-14B
Green	18D28-G	18D28-C	18SDM-14G
Yellow	18D28-Y	18D28-C	18SDM-14Y
Orange	18D28-O	18D28-C	18SDM-14O
Brown	18D28-H	18D28-C	18SDM-14H
Female Detachable Plug - Crimped (Cable Size: 3/0-4/0)			
Black	18D37-E	18D37-C	18SDF-14E
White	18D37-W	18D37-C	18SDF-14W
Red	18D37-R	18D37-C	18SDF-14R
Blue	18D37-B	18D37-C	18SDF-14B
Green	18D37-G	18D37-C	18SDF-14G
Yellow	18D37-Y	18D37-C	18SDF-14Y
Orange	18D37-O	18D37-C	18SDF-14O
Brown	18D37-H	18D37-C	18SDF-14H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE DETACHABLE PLUG—CRIMPED



FEMALE DETACHABLE PLUG—CRIMPED

Up to 400A,* 600V

18 Series, Ball Nose

SPECIFICATIONS & FEATURES
GENERAL
• The 18 Series Ball Nose pin and sleeve type plugs, receptacles and connectors are used by the broadcast industry in Canada, as well as the welding industry in the United States.

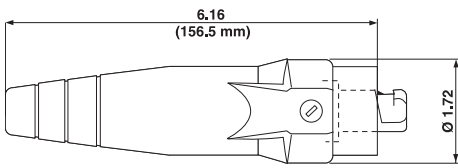
STANDARDS & CERTIFICATIONS	
UL	**CSA**
#E13399	152105 (All detachable plugs except single set screws)

18D27-H

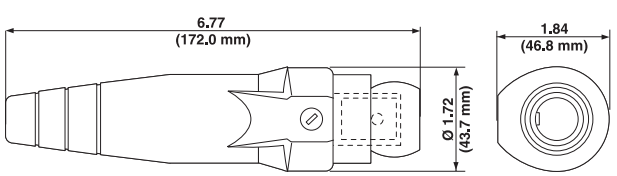
18D36-R

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Heavy Duty Male Detachable Plug - Crimped (Cable Size: 1/0-2/0)			
Black	18D27-E	18D27-C	18SDM-HDE
White	18D27-W	18D27-C	18SDM-HDW
Red	18D27-R	18D27-C	18SDM-HDR
Blue	18D27-B	18D27-C	18SDM-HDB
Green	18D27-G	18D27-C	18SDM-HDG
Yellow	18D27-Y	18D27-C	18SDM-HDY
Orange	18D27-O	18D27-C	18SDM-HDO
Brown	18D27-H	18D27-C	18SDM-HDH
Heavy Duty Female Detachable Plug - Crimped (Cable Size: 1/0-2/0)			
Black	18D36-E	18D36-C	18SDF-HDE
White	18D36-W	18D36-C	18SDF-HDW
Red	18D36-R	18D36-C	18SDF-HDR
Blue	18D36-B	18D36C	18SDF-HDB
Green	18D36-G	18D36-C	18SDF-HDG
Yellow	18D36-Y	18D36-C	18SDF-HDY
Orange	18D36-O	18D36-C	18SDF-HDO
Brown	18D36-H	18D36-C	18SDF-HDH

*Refer to Ampacity Chart for all cable sizes on page K53.



HEAVY DUTY MALE DETACHABLE PLUG—CRIMPED



HEAVY DUTY FEMALE DETACHABLE PLUG—CRIMPED

Up to 400A,* 600V

18 Series, Ball Nose

SPECIFICATIONS & FEATURES
GENERAL
• The 18 Series Ball Nose pin and sleeve type plugs, receptacles and connectors are used by the broadcast industry in Canada, as well as the welding industry in the United States.

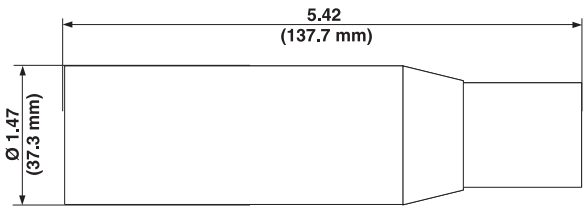
STANDARDS & CERTIFICATIONS	
UL	**CSA**
#E13399	152105 (All detachable plugs except single set screws)

18V21-G

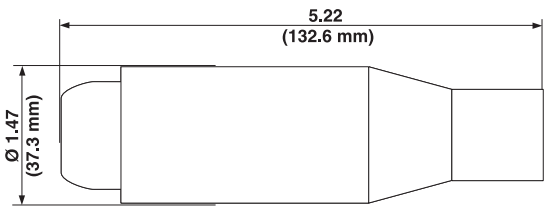
18V25-E

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Vulcanized Plug - Crimped (Cable Size: #2-#1)			
Black	18V21-E	18V21-C	18SVM-21E
White	18V21-W	18V21-C	18SVM-21W
Red	18V21-R	18V21-C	18SVM-21R
Blue	18V21-B	18V21-C	18SVM-21B
Green	18V21-G	18V21-C	18SVM-21G
Yellow	18V21-Y	18V21-C	18SVM-21Y
Orange	18V21-O	18V21-C	18SVM-21O
Brown	18V21-H	18V21-C	18SVM-21H
Female Vulcanized Plug - Crimped (Cable Size: #2-#1)			
Black	18V25-E	18V25-C	18SVF-21E
White	18V25-W	18V25-C	18SVF-21W
Red	18V25-R	18V25-C	18SVF-21R
Blue	18V25-B	18V25-C	18SVF-21B
Green	18V25-G	18V25-C	18SVF-21G
Yellow	18V25-Y	18V25-C	18SVF-21Y
Orange	18V25-O	18V25-C	18SVF-21O
Brown	18V25-H	18V25-C	18SVF-21H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE VULCANIZED PLUG—CRIMPED



FEMALE VULCANIZED PLUG—CRIMPED

Up to 400A,* 600V

18 Series, Ball Nose

SPECIFICATIONS & FEATURES
GENERAL
• The 18 Series Ball Nose pin and sleeve type plugs, receptacles and connectors are used by the broadcast industry in Canada, as well as the welding industry in the United States.

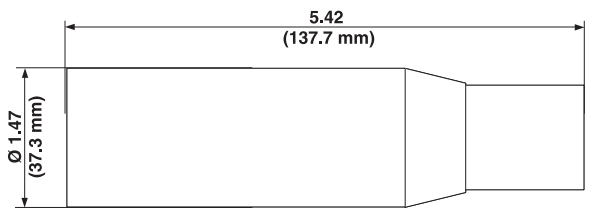
STANDARDS & CERTIFICATIONS	
UL	**CSA**
#E13399	152105 (All detachable plugs except single set screws)

18V22-B

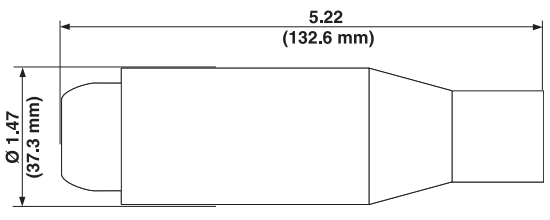
18V26-E

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Vulcanized Plug - Crimped (Cable Size: 1/0-2/0)			
Black	18V22-E	18V22-C	18SVM-12E
White	18V22-W	18V22-C	18SVM-12W
Red	18V22-R	18V22-C	18SVM-12R
Blue	18V22-B	18V22-C	18SVM-12B
Green	18V22-G	18V22-C	18SVM-12G
Yellow	18V22-Y	18V22-C	18SVM-12Y
Orange	18V22-O	18V22-C	18SVM-12O
Brown	18V22-H	18V22-C	18SVM-12H
Female Vulcanized Plug - Crimped (Cable Size: 1/0-2/0)			
Black	18V26-E	18V26-C	18SVF-12E
White	18V26-W	18V26-C	18SVF-12W
Red	18V26-R	18V26-C	18SVF-12R
Blue	18V26-B	18V26-C	18SVF-12B
Green	18V26-G	18V26-C	18SVF-12G
Yellow	18V26-Y	18V26-C	18SVF-12Y
Orange	18V26-O	18V26-C	18SVF-12O
Brown	18V26-H	18V26-C	18SVF-12H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE VULCANIZED PLUG—CRIMPED



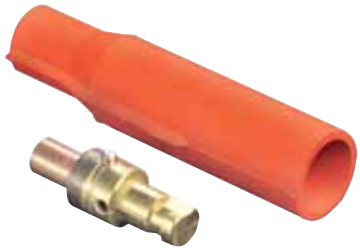
FEMALE VULCANIZED PLUG—CRIMPED

Up to 400A,* 600V

18 Series, Ball Nose

SPECIFICATIONS & FEATURES
GENERAL
• The 18 Series Ball Nose pin and sleeve type plugs, receptacles and connectors are used by the broadcast industry in Canada, as well as the welding industry in the United States.

STANDARDS & CERTIFICATIONS	
UL	**CSA**
#E13399	152105 (All detachable plugs except single set screws)

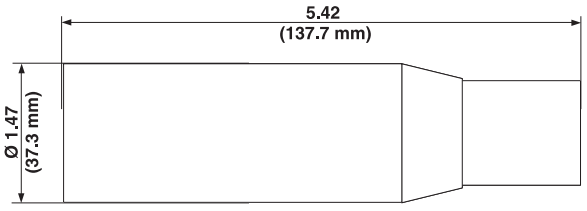


18V23-O

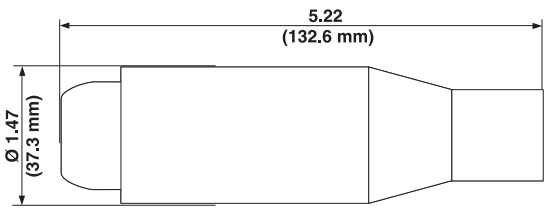
18V27-E

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Heavy Duty Male Vulcanized Plug - Crimped (Cable Size: 1/0-2/0)			
Black	18V23-E	18V23-C	18SVM-HDE
White	18V23-W	18V23-C	18SVM-HDW
Red	18V23-R	18V23-C	18SVM-HDR
Blue	18V23-B	18V23-C	18SVM-HDB
Green	18V23-G	18V23-C	18SVM-HDG
Yellow	18V23-Y	18V23-C	18SVM-HDY
Orange	18V23-O	18V23-C	18SVM-HDO
Brown	18V23-H	18V23-C	18SVM-HDH
Heavy Duty Female Vulcanized Plug - Crimped (Cable Size: 1/0-2/0)			
Black	18V27-E	18V27-C	18SVF-HDE
White	18V27-W	18V27-C	18SVF-HDW
Red	18V27-R	18V27-C	18SVF-HDR
Blue	18V27-B	18V27-C	18SVF-HDB
Green	18V27-G	18V27-C	18SVF-HDG
Yellow	18V27-Y	18V27-C	18SVF-HDY
Orange	18V27-O	18V27-C	18SVF-HDO
Brown	18V27-H	18V27-C	18SVF-HDH

*Refer to Ampacity Chart for all cable sizes on page K53.



HEAVY DUTY MALE VULCANIZED PLUG—CRIMPED



HEAVY DUTY FEMALE VULCANIZED PLUG—CRIMPED

Up to 400A,* 600V

18 Series, Ball Nose

SPECIFICATIONS & FEATURES
GENERAL
• The 18 Series Ball Nose pin and sleeve type plugs, receptacles and connectors are used by the broadcast industry in Canada, as well as the welding industry in the United States.

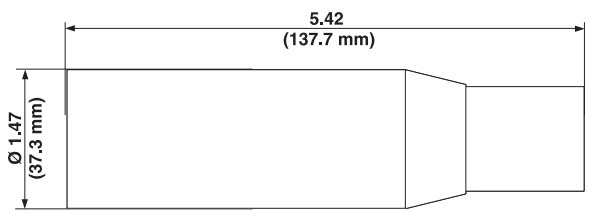
STANDARDS & CERTIFICATIONS	
UL	**CSA**
#E13399	152105 (All detachable plugs except single set screws)

18V24-Y

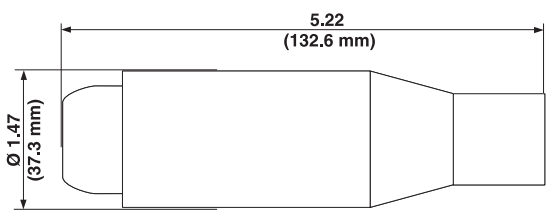
18V28-E

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Vulcanized Plug - Crimped (Cable Size: 3/0-4/0)			
Black	18V24-E	18V24-C	18SVM-34E
White	18V24-W	18V24-C	18SVM-34W
Red	18V24-R	18V24-C	18SVM-34R
Blue	18V24-B	18V24-C	18SVM-34B
Green	18V24-G	18V24-C	18SVM-34G
Yellow	18V24-Y	18V24-C	18SVM-34Y
Orange	18V24-O	18V24-C	18SVM-34O
Brown	18V24-H	18V24-C	18SVM-34H
Female Vulcanized Plug - Crimped (Cable Size: 3/0-4/0)			
Black	18V28-E	18V28-C	18SVF-34E
White	18V28-W	18V28-C	18SVF-34W
Red	18V28-R	18V28-C	18SVF-34R
Blue	18V28-B	18V28-C	18SVF-34B
Green	18V28-G	18V28-C	18SVF-34G
Yellow	18V28-Y	18V28-C	18SVF-34Y
Orange	18V28-O	18V28-C	18SVF-34O
Brown	18V28-H	18V28-C	18SVF-34H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE VULCANIZED PLUG—CRIMPED



FEMALE VULCANIZED PLUG—CRIMPED

Up to 400A,* 600V

18 Series, Ball Nose

SPECIFICATIONS & FEATURES
GENERAL
• The 18 Series Ball Nose pin and sleeve type plugs, receptacles and connectors are used by the broadcast industry in Canada, as well as the welding industry in the United States.

STANDARDS & CERTIFICATIONS	
UL	**CSA**
#E13399	152105 (All detachable plugs except single set screws)

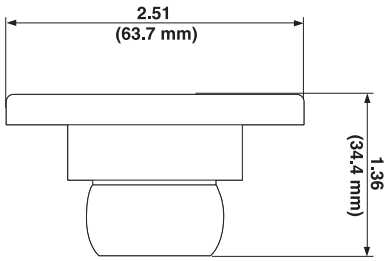
18F21-E

18P22-E

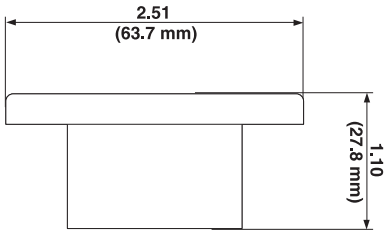
COLOR	ANGLE STYLE	OFFSET STYLE
Female Terminal Connectors (Cable Size: #2-4/0)		
Black	18F21-E	18F22-E
White	18F21-W	18F22-W
Red	18F21-R	18F22-R
Blue	18F21-B	18F22-B
Green	18F21-G	18F22-G
Yellow	18F21-Y	18F22-Y
Orange	18F21-O	18F22-O
Brown	18F21-H	18F22-H

COLOR	MALE CATALOG NUMBER	FEMALE CATALOG NUMBER
Protective Caps		
Black	18P21-E	18P22-E
White	18P21-W	18P22-W
Red	18P21-R	18P22-R
Blue	18P21-B	18P22-B
Green	18P21-G	18P22-G
Yellow	18P21-Y	18P22-Y
Orange	18P21-O	18P22-O
Brown	18P21-H	18P22-H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE PROTECTIVE CAP



FEMALE PROTECTIVE CAP

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

SPECIFICATIONS & FEATURES
GENERAL
• The 18 Series Ball Nose pin and sleeve type plugs, receptacles and connectors are used by the broadcast industry in Canada, as well as the welding industry in the United States.

STANDARDS & CERTIFICATIONS	
UL	**CSA**
#E13399	152105 (All detachable plugs except single set screws)

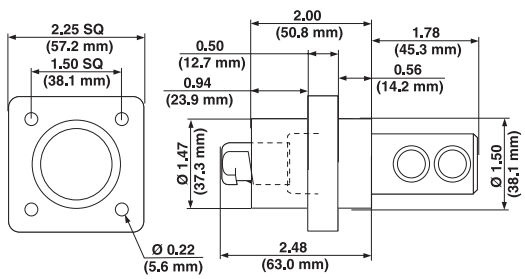
18R22-G

18A22-E

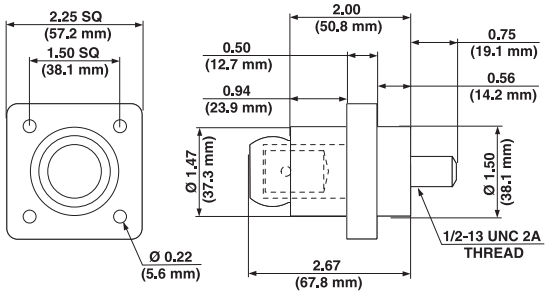
COLOR	PARALLELING TEE FEMALE-MALE-MALE	TAPPING TEE FEMALE-FEMALE-MALE
Three-Way Lay Down "T" Connectors		
Black	18A21-E	18A22-E
White	18A21-W	18A22-W
Red	18A21-R	18A22-R
Blue	18A21-B	18A22-B
Green	18A21-G	18A22-G
Yellow	18A21-Y	18A22-Y
Orange	18A21-O	18A22-O
Brown	18A21-H	18A22-H

COLOR	THREADED STUD STYLE - (CABLE SIZE: #2-4/0)		DOUBLE SET SCREW STYLE - (CABLE SIZE: 1/0-4/0)	
	MALE	FEMALE	MALE	FEMALE
Panel Receptacles				
Black	18R21-E	18R22-E	18R23-E	18R24-E
White	18R21-W	18R22-W	18R23-W	18R24-W
Red	18R21-R	18R22-R	18R23-R	18R24-R
Blue	18R21-B	18R22-B	18R23-B	18R24-B
Green	18R21-G	18R22-G	18R23-G	18R24-G
Yellow	18R21-Y	18R22-Y	18R23-Y	18R24-Y
Orange	18R21-O	18R22-O	18R23-O	18R24-O
Brown	18R21-H	18R22-H	18R23-H	18R24-H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE DOUBLE SET SCREW PANEL RECEPTACLE



FEMALE THREADED STUD PANEL RECEPTACLE

Up to 400A,* 600V

18 Series, Ball Nose

SPECIFICATIONS & FEATURES
GENERAL
• The 18 Series Ball Nose pin and sleeve type plugs, receptacles and connectors are used by the broadcast industry in Canada, as well as the welding industry in the United States.

STANDARDS & CERTIFICATIONS	
UL	**CSA**
#E13399	152105 (All detachable plugs except single set screws)

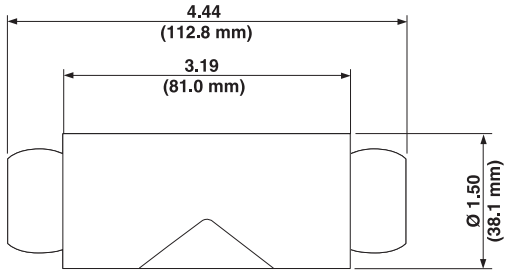
18A23-E

18A25-E

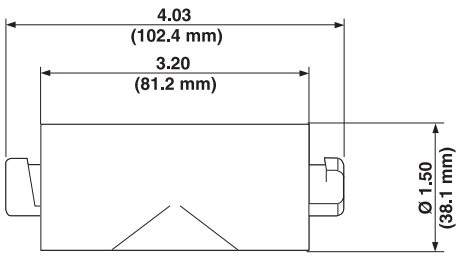
COLOR	3 FER MALE-FEMALE-FEMALE-FEMALE	3 FER FEMALE-MALE-MALE-MALE
Multi-Way Connectors		
Black	18A23-E	18A26-E
White	18A23-W	18A26-W
Red	18A23-R	18A26-R
Blue	18A23-B	18A26-B
Green	18A23-G	18A26-G
Yellow	18A23-Y	18A26-Y
Orange	18A23-O	18A26-O
Brown	18A23-H	18A26-H

COLOR	DOUBLE FEMALE FEMALE-FEMALE	DOUBLE MALE MALE-MALE
Multi-Way Connectors		
Black	18A24-E	18A25-E
White	18A24-W	18A25W
Red	18A24-R	18A25-R
Blue	18A24-B	18A25-B
Green	18A24-G	18A25-G
Yellow	18A24-Y	18A25-Y
Orange	18A24-O	18A25-O
Brown	18A24-H	18A25-H

*Refer to Ampacity Chart for all cable sizes on page K53.



MULTI-WAY CONNECTOR - FEMALE TO FEMALE



MULTI-WAY CONNECTOR - MALE TO MALE

Up to 690A,* 600V

17 Series, Taper Nose

SPECIFICATIONS & FEATURES

GENERAL

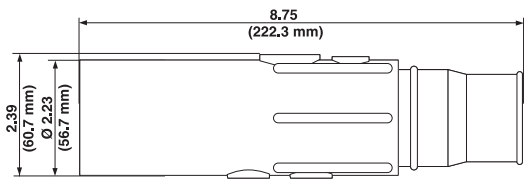
- The 17 Series Taper Nose connectors withstand grueling, heavy-duty industrial use. Applications include generator test stations, water purification plants, electro-chemical machining equipment and other general industrial uses.

17D21-W

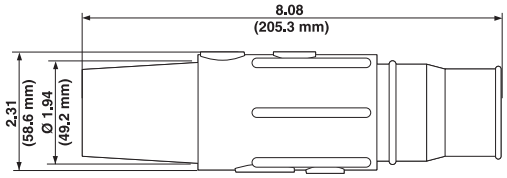
17D23-E

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Detachable Plug - Double Set Screw (Cable Size: 250-350MCM)			
Black	17D21-E	17D21-C	17SDM-E
White	17D21-W	17D21-C	17SDM-W
Red	17D21-R	17D21-C	17SDM-R
Blue	17D21-B	17D21-C	17SDM-B
Green	17D21-G	17D21-C	17SDM-G
Yellow	17D21-Y	17D21-C	17SDM-Y
Orange	17D21-O	17D21-C	17SDM-O
Brown	17D21-H	17D21-C	17SDM-H
Female Detachable Plug - Double Set Screw (Cable Size: 250-350MCM)			
Black	17D23-E	17D23-C	17SDF-E
White	17D23-W	17D23-C	17SDF-W
Red	17D23-R	17D23-C	17SDF-R
Blue	17D23-B	17D23-C	17SDF-B
Green	17D23-G	17D23-C	17SDF-G
Yellow	17D23-Y	17D23-C	17SDF-Y
Orange	17D23-O	17D23-C	17SDF-O
Brown	17D23-H	17D23-C	17SDF-H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE VULCANIZED PLUG—CRIMPED



FEMALE VULCANIZED PLUG—CRIMPED

Up to 690A,* 600V

17 Series, Taper Nose

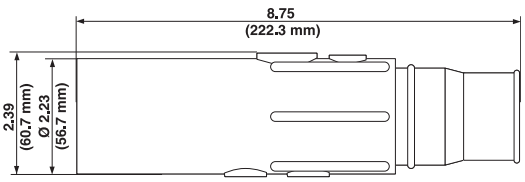
SPECIFICATIONS & FEATURES
GENERAL
• The 17 Series Taper Nose connectors withstand grueling, heavy-duty industrial use. Applications include generator test stations, water purification plants, electro-chemical machining equipment and other general industrial uses.

17V21-H

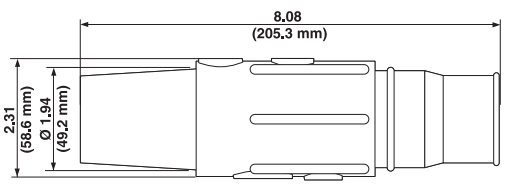
17V24-R

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Vulcanized Plug - Crimped (Cable Size: 250-350MCM)			
Black	17V21-E	17V21-C	17SVM-E
White	17V21-W	17V21-C	17SVM-W
Red	17V21-R	17V21-C	17SVM-R
Blue	17V21-B	17V21-C	17SVM-B
Green	17V21-G	17V21-C	17SVM-G
Yellow	17V21-Y	17V21-C	17SVM-Y
Orange	17V21-O	17V21-C	17SVM-O
Brown	17V21-H	17V21-C	17SVM-H
Female Vulcanized Plug - Crimped (Cable Size: 250-350MCM)			
Black	17V24-E	17V24-C	17SVF-E
White	17V24-W	17V24-C	17SVF-W
Red	17V24-R	17V24-C	17SVF-R
Blue	17V24-B	17V24-C	17SVF-B
Green	17V24-G	17V24-C	17SVF-G
Yellow	17V24-Y	17V24-C	17SVF-Y
Orange	17V24-O	17V24-C	17SVF-O
Brown	17V24-H	17V24-C	17SVF-H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE VULCANIZED PLUG—CRIMPED



FEMALE VULCANIZED PLUG—CRIMPED

Up to 690A,* 600V

17 Series, Taper Nose

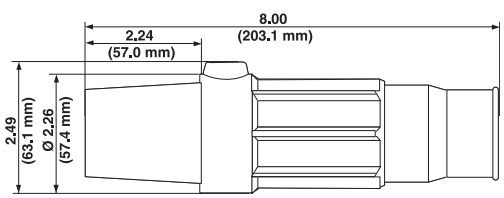
SPECIFICATIONS & FEATURES
GENERAL
• The 17 Series Taper Nose connectors withstand grueling, heavy-duty industrial use. Applications include generator test stations, water purification plants, electro-chemical machining equipment and other general industrial uses.

17D22-O

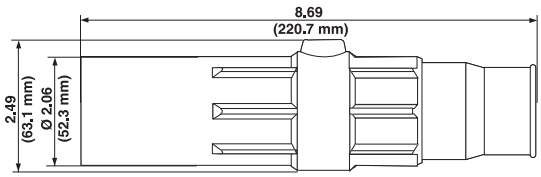
17D24-E

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Detachable Plug - Double Set Screw (Cable Size: 350-500MCM)			
Black	17D22-E	17D22-C	17SDM-E
White	17D22-W	17D22-C	17SDM-W
Red	17D22-R	17D22-C	17SDM-R
Blue	17D22-B	17D22-C	17SDM-B
Green	17D22-G	17D22-C	17SDM-G
Yellow	17D22-Y	17D22-C	17SDM-Y
Orange	17D22-O	17D22-C	17SDM-O
Brown	17D22-H	17D22-C	17SDM-H
Female Detachable Plug - Double Set Screw (Cable Size: 350-500MCM)			
Black	17D24-E	17D24-C	17SDF-E
White	17D24-W	17D24-C	17SDF-W
Red	17D24-R	17D24-C	17SDF-R
Blue	17D24-B	17D24-C	17SDF-B
Green	17D24-G	17D24-C	17SDF-G
Yellow	17D24-Y	17D24-C	17SDF-Y
Orange	17D24-O	17D24-C	17SDF-O
Brown	17D24-H	17D24-C	17SDF-H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE DETACHABLE PLUG—DOUBLE SET SCREW



FEMALE DETACHABLE PLUG—DOUBLE SET SCREW

Up to 690A,* 600V

17 Series, Taper Nose

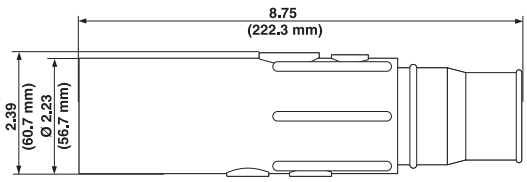
SPECIFICATIONS & FEATURES
GENERAL
• The 17 Series Taper Nose connectors withstand grueling, heavy-duty industrial use. Applications include generator test stations, water purification plants, electro-chemical machining equipment and other general industrial uses.

17V22-B

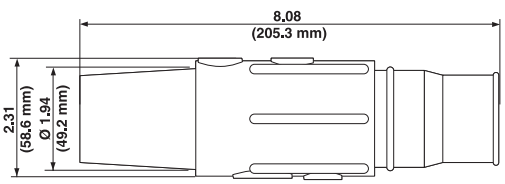
17V25-H

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Vulcanized Plug - Crimped (Cable Size: 350-500MCM)			
Black	17V22-E	17V22-C	17SVM-E
White	17V22-W	17V22-C	17SVM-W
Red	17V22-R	17V22-C	17SVM-R
Blue	17V22-B	17V22-C	17SVM-B
Green	17V22-G	17V22-C	17SVM-G
Yellow	17V22-Y	17V22-C	17SVM-Y
Orange	17V22-O	17V22-C	17SVM-O
Brown	17V22-H	17V22-C	17SVM-H
Female Vulcanized Plug - Crimped (Cable Size: 350-500MCM)			
Black	17V25-E	17V25-C	17SVF-E
White	17V25-W	17V25-C	17SVF-W
Red	17V25-R	17V25-C	17SVF-R
Blue	17V25-B	17V25-C	17SVF-B
Green	17V25-G	17V25-C	17SVF-G
Yellow	17V25-Y	17V25-C	17SVF-Y
Orange	17V25-O	17V25-C	17SVF-O
Brown	17V25-H	17V25-C	17SVF-H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE VULCANIZED PLUG—CRIMPED



FEMALE VULCANIZED PLUG—CRIMPED

Up to 690A,* 600V

17 Series, Taper Nose

SPECIFICATIONS & FEATURES

GENERAL

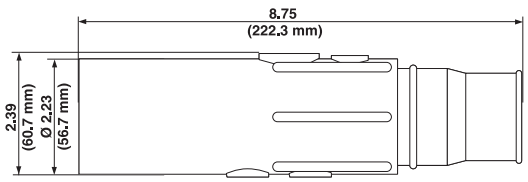
- The 17 Series Taper Nose connectors withstand grueling, heavy-duty industrial use. Applications include generator test stations, water purification plants, electro-chemical machining equipment and other general industrial uses.

17V23-W

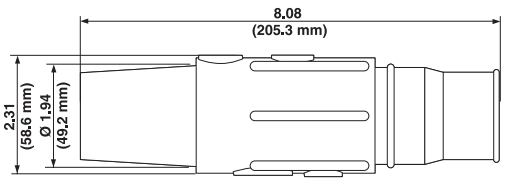
17V26-G

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Vulcanized Plug - Crimped (Cable Size: 500-750MCM)			
Black	17V23-E	17V23-C	17SVM-E
White	17V23-W	17V23-C	17SVM-W
Red	17V23-R	17V23-C	17SVM-R
Blue	17V23-B	17V23-C	17SVM-B
Green	17V23-G	17V23-C	17SVM-G
Yellow	17V23-Y	17V23-C	17SVM-Y
Orange	17V23-O	17V23-C	17SVM-O
Brown	17V23-H	17V23-C	17SVM-H
Female Vulcanized Plug - Crimped (Cable Size: 500-750MCM)			
Black	17V26-E	17V26-C	17SVF-E
White	17V26-W	17V26-C	17SVF-W
Red	17V26-R	17V26-C	17SVF-R
Blue	17V26-B	17V26-C	17SVF-B
Green	17V26-G	17V26-C	17SVF-G
Yellow	17V26-Y	17V26-C	17SVF-Y
Orange	17V26-O	17V26-C	17SVF-O
Brown	17V26-H	17V26-C	17SVF-H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE VULCANIZED PLUG—CRIMPED



FEMALE VULCANIZED PLUG—CRIMPED

Up to 690A,* 600V

17 Series, Taper Nose

LEVITON

SPECIFICATIONS & FEATURES
GENERAL
• The 17 Series Taper Nose connectors withstand grueling, heavy-duty industrial use. Applications include generator test stations, water purification plants, electro-chemical machining equipment and other general industrial uses.

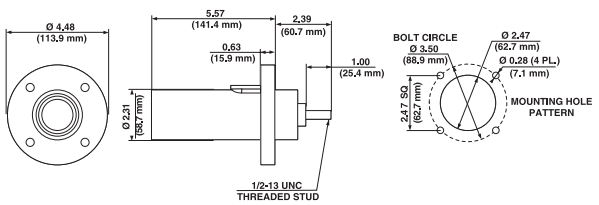
17R21-W

17P21-E

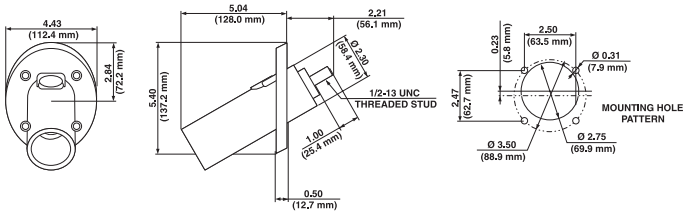
COLOR	90˚ STYLE		30˚ STYLE	
	MALE	FEMALE	MALE	FEMALE
Panel Receptacle–Threaded Stud (Cable Size: 250-750MCM)				
Black	17R21-E	17R22-E	17R23-E	17R24-E
White	17R21-W	17R22-W	17R23-W	17R24-W
Red	17R21-R	17R22-R	17R23-R	17R24-R
Blue	17R21-B	17R22-B	17R23-B	17R24-B
Green	17R21-G	17R22-G	17R23-G	17R24-G
Yellow	17R21-Y	17R22-Y	17R23-Y	17R24-Y
Orange	17R21-O	17R22-O	17R23-O	17R24-O
Brown	17R21-H	17R22-H	17R23-H	17R24-H

COLOR	ANGLE STYLE	OFFSET STYLE	MALE	FEMALE
Female Terminal Connectors (Cable Size: 250-750MCM)			**Protective Caps**	
Black	17F21-E	17F22-E	17P21-E	17P22-E
White	17F21-W	17F22-W	17P21-W	17P22-W
Red	17F21-R	17F22-R	17P21-R	17P22-R
Blue	17F21-B	17F22-B	17P21-B	17P22-B
Green	17F21-G	17F22-G	17P21-G	17P22-G
Yellow	17F21-Y	17F22-Y	17P21-Y	17P22-Y
Orange	17F21-O	17F22-O	17P21-O	17P22-O
Brown	17F21-H	17F22-H	17P21-H	17P22-H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE PANEL RECEPTACLE THREADED STUD—90°



MALE PANEL RECEPTACLE THREADED STUD—30°

Up to 690A,* 600V

19 Series, Ball Nose

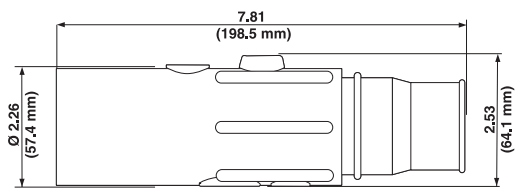
SPECIFICATIONS & FEATURES
GENERAL
• The 19 Series Ball Nose connectors are designed for general industrial applications.

19D21-E

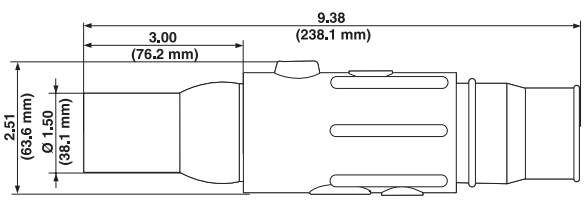
19D23-E

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Detachable Plug - Double Set Screw (Cable Size: 250-350MCM)			
Black	19D21-E	19D21-C	19SDM-E
White	19D21-W	19D21-C	19SDM-W
Red	19D21-R	19D21-C	19SDM-R
Blue	19D21-B	19D21-C	19SDM-B
Green	19D21-G	19D21-C	19SDM-G
Yellow	19D21-Y	19D21-C	19SDM-Y
Orange	19D21-O	19D21-C	19SDM-O
Brown	19D21-H	19D21-C	19SDM-H
Female Detachable Plug - Double Set Screw (Cable Size: 250-350MCM)			
Black	19D23-E	19D23-C	19SDF-E
White	19D23-W	19D23-C	19SDF-W
Red	19D23-R	19D23-C	19SDF-R
Blue	19D23-B	19D23-C	19SDF-B
Green	19D23-G	19D23-C	19SDF-G
Yellow	19D23-Y	19D23-C	19SDF-Y
Orange	19D23-O	19D23-C	19SDF-O
Brown	19D23-H	19D23-C	19SDF-H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE DETACHABLE PLUG—DOUBLE SET SCREW



FEMALE DETACHABLE PLUG—DOUBLE SET SCREW

Up to 690A,* 600V

19 Series, Ball Nose

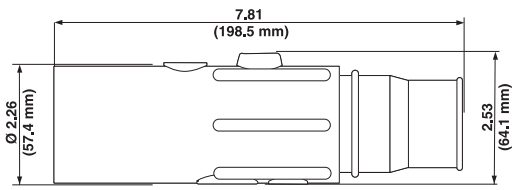
SPECIFICATIONS & FEATURES
GENERAL
• The 19 Series Ball Nose connectors are designed for general industrial applications.

19D22-E

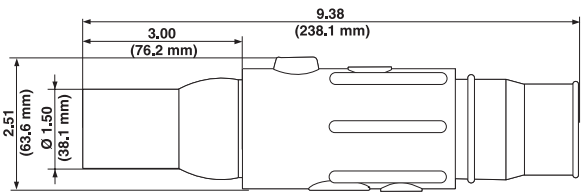
19D24-E

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Detachable Plug - Double Set Screw (Cable Size: 350-500MCM)			
Black	19D22-E	19D22-C	19SDM-E
White	19D22-W	19D22-C	19SDM-W
Red	19D22-R	19D22-C	19SDM-R
Blue	19D22-B	19D22-C	19SDM-B
Green	19D22-G	19D22-C	19SDM-G
Yellow	19D22-Y	19D22-C	19SDM-Y
Orange	19D22-O	19D22-C	19SDM-O
Brown	19D22-H	19D22-C	19SDM-H
Female Detachable Plug - Double Set Screw (Cable Size: 350-500MCM)			
Black	19D24-E	19D24-C	19SDF-E
White	19D24-W	19D24-C	19SDF-W
Red	19D24-R	19D24-C	19SDF-R
Blue	19D24-B	19D24-C	19SDF-B
Green	19D24-G	19D24-C	19SDF-G
Yellow	19D24-Y	19D24-C	19SDF-Y
Orange	19D24-O	19D24-C	19SDF-O
Brown	19D24-H	19D24-C	19SDF-H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE DETACHABLE PLUG—DOUBLE SET SCREW



FEMALE DETACHABLE PLUG—DOUBLE SET SCREW

Up to 690A,* 600V

19 Series, Ball Nose

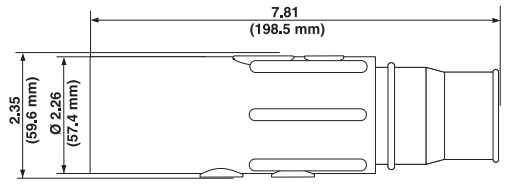
SPECIFICATIONS & FEATURES
GENERAL
• The 19 Series Ball Nose connectors are designed for general industrial applications.

19V21-E

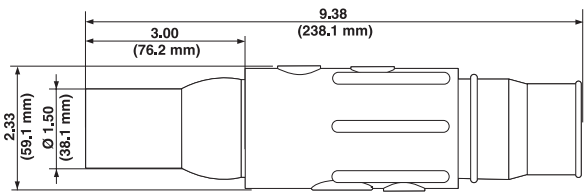
19V24-E

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Vulcanized Plug - Crimped (Cable Size: 250-350MCM)			
Black	19V21-E	19V21-C	19SVM-E
White	19V21-W	19V21-C	19SVM-W
Red	19V21-R	19V21-C	19SVM-R
Blue	19V21-B	19V21-C	19SVM-B
Green	19V21-G	19V21-C	19SVM-G
Yellow	19V21-Y	19V21-C	19SVM-Y
Orange	19V21-O	19V21-C	19SVM-O
Brown	19V21-H	19V21-C	19SVM-H
Female Vulcanized Plug - Crimped (Cable Size: 250-350MCM)			
Black	19V24-E	19V24-C	19SVF-E
White	19V24-W	19V24-C	19SVF-W
Red	19V24-R	19V24-C	19SVF-R
Blue	19V24-B	19V24-C	19SVF-B
Green	19V24-G	19V24-C	19SVF-G
Yellow	19V24-Y	19V24-C	19SVF-Y
Orange	19V24-O	19V24-C	19SVF-O
Brown	19V24-H	19V24-C	19SVF-H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE VULCANIZED PLUG—CRIMPED



FEMALE VULCANIZED PLUG—CRIMPED

Up to 690A,* 600V

19 Series, Ball Nose

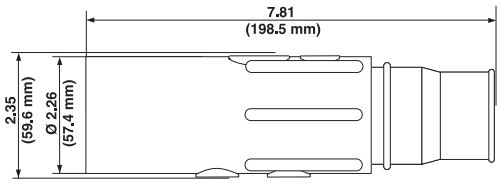
SPECIFICATIONS & FEATURES
GENERAL
• The 19 Series Ball Nose connectors are designed for general industrial applications.

19V22-E

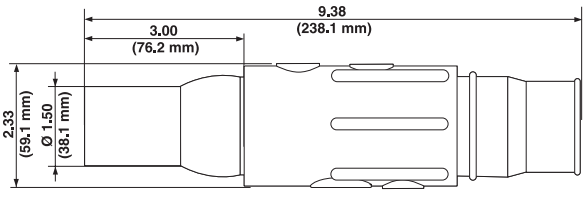
19V25-E

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Vulcanized Plug - Crimped (Cable Size: 350-500MCM)			
Black	19V22-E	19V22-C	19SVM-E
White	19V22-W	19V22-C	19SVM-W
Red	19V22-R	19V22-C	19SVM-R
Blue	19V22-B	19V22-C	19SVM-B
Green	19V22-G	19V22-C	19SVM-G
Yellow	19V22-Y	19V22-C	19SVM-Y
Orange	19V22-O	19V22-C	19SVM-O
Brown	19V22-H	19V22-C	19SVM-H
Female Vulcanized Plug - Crimped (Cable Size: 350-500MCM)			
Black	19V25-E	19V25-C	19SVF-E
White	19V25-W	19V25-C	19SVF-W
Red	19V25-R	19V25-C	19SVF-R
Blue	19V25-B	19V25-C	19SVF-B
Green	19V25-G	19V25-C	19SVF-G
Yellow	19V25-Y	19V25-C	19SVF-Y
Orange	19V25-O	19V25-C	19SVF-O
Brown	19V25-H	19V25-C	19SVF-H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE VULCANIZED PLUG—CRIMPED



FEMALE VULCANIZED PLUG—CRIMPED

Up to 690A,* 600V

19 Series, Ball Nose

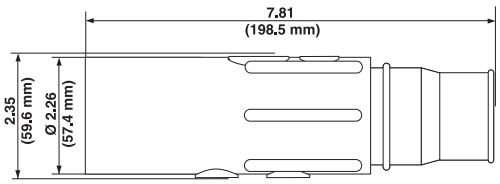
SPECIFICATIONS & FEATURES
GENERAL
• The 19 Series Ball Nose connectors are designed for general industrial applications.

19V23-E

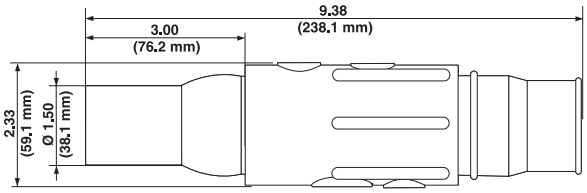
19V26-E

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Male Vulcanized Plug - Crimped (Cable Size: 500-750MCM)			
Black	19V23-E	19V23-C	19SVM-E
White	19V23-W	19V23-C	19SVM-W
Red	19V23-R	19V23-C	19SVM-R
Blue	19V23-B	19V23-C	19SVM-B
Green	19V23-G	19V23-C	19SVM-G
Yellow	19V23-Y	19V23-C	19SVM-Y
Orange	19V23-O	19V23-C	19SVM-O
Brown	19V23-H	19V23-C	19SVM-H
Female Vulcanized Plug - Crimped (Cable Size: 500-750MCM)			
Black	19V26-E	19V26-C	19SVF-E
White	19V26-W	19V26-C	19SVF-W
Red	19V26-R	19V26-C	19SVF-R
Blue	19V26-B	19V26-C	19SVF-B
Green	19V26-G	19V26-C	19SVF-G
Yellow	19V26-Y	19V26-C	19SVF-Y
Orange	19V26-O	19V26-C	19SVF-O
Brown	19V26-H	19V26-C	19SVF-H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE VULCANIZED PLUG—CRIMPED



FEMALE VULCANIZED PLUG—CRIMPED

Up to 690A,* 600V

19 Series, Ball Nose

LEVITON

SPECIFICATIONS & FEATURES
GENERAL
• The 19 Series Ball Nose connectors are designed for general industrial applications.

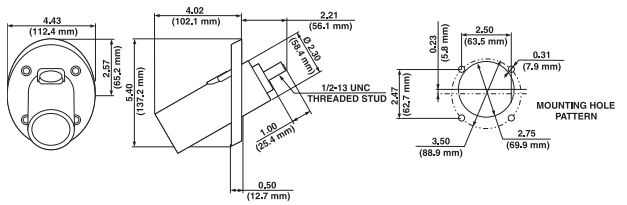
19R21-E

19P21-E

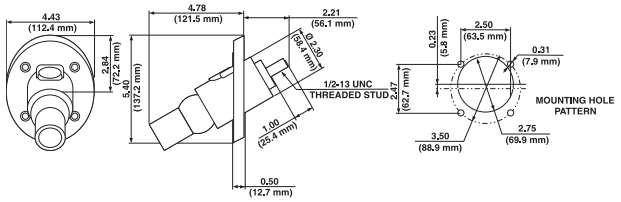
COLOR	90˚ STYLE		30˚ STYLE	
	MALE	FEMALE	MALE	FEMALE
Panel Receptacle–Threaded Stud (Cable Size: 250-750MCM)				
Black	19R21-E	19R22-E	19R23-E	19R24-E
White	19R21-W	19R22-W	19R23-W	19R24-W
Red	19R21-R	19R22-R	19R23-R	19R24-R
Blue	19R21-B	19R22-B	19R23-B	19R24-B
Green	19R21-G	19R22-G	19R23-G	19R24-G
Yellow	19R21-Y	19R22-Y	19R23-Y	19R24-Y
Orange	19R21-O	19R22-O	19R23-O	19R24-O
Brown	19R21-H	19R22-H	19R23-H	19R24-H

COLOR	ANGLE STYLE	OFFSET STYLE	MALE	FEMALE
Female Terminal Connectors (Cable Size: 250-750MCM)			**Protective Caps**	
Black	19F21-E	19F22-E	19P21-E	19P22-E
White	19F21-W	19F22-W	19P21-W	19P22-W
Red	19F21-R	19F22-R	19P21-R	19P22-R
Blue	19F21-B	19F22-B	19P21-B	19P22-B
Green	19F21-G	19F22-G	19P21-G	19P22-G
Yellow	19F21-Y	19F22-Y	19P21-Y	19P22-Y
Orange	19F21-O	19F22-O	19P21-O	19P22-O
Brown	19F21-H	19F22-H	19P21-H	19P22-H

*Refer to Ampacity Chart for all cable sizes on page K53.



MALE PANEL RECEPTACLE THREADED STUD—30°



FEMALE PANEL RECEPTACLE THREADED STUD—30°

22/23 Series, Latching Ball Nose / Latching Taper Nose

SPECIFICATIONS & FEATURES
GENERAL
• Leviton's Cam-Type positive latching connectors and receptacles are the standard used by Navy bases and shipyards in supplying 480 volts AC 3-phase power to ships at dockside. Our latching connector series has been tested to meet Navy specs, including intermateability with competition. They provide heavy duty, completely insulated connectors that are vibration-resistant. These connectors will not vibrate or loosen, ensuring high conductivity and maximum efficiency. Contacts can be retrofitted to existing locations and power distribution systems. Male contacts provide 40% more surface contact with the female vs. competitive products, ensuring greater conductivity while preventing burnout.

CERTIFICATION
ETL TESTED
Report #521300
ENVIRONMENTAL
Waterproof (when vulcanized) and fire-resistant for outside usage

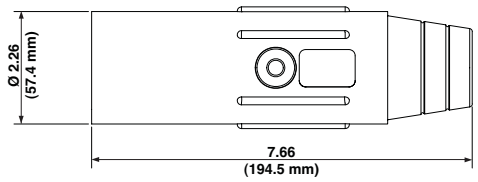
22L21-R

22L22-E

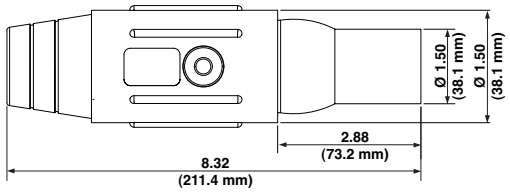
22L25-E

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Ball Nose—In-Line Latching Male Connectors—Crimped (Cable Size: 250-350MCM)			
Black	22L21-E	22L21-C	22SVM-E
White	22L21-W	22L21-C	22SVM-W
Red	22L21-R	22L21-C	22SVM-R
Ball Nose—In-Line Latching Female Connectors—Crimped (Cable Size: 250-350MCM)			
Black	22L24-E	22L24-C	22SVF-E
White	22L24-W	22L24-C	22SVF-W
Red	22L24-R	22L24-C	22SVF-R
Ball Nose—In-Line Latching Male Connectors—Crimped Style 22L22 Series or Set Screw Style 22L22-S Series (Cable Size: 350-500MCM)			
Black	22L22-E or 22L22-SE†	22L22-C	22SVM-E
White	22L22-W or 22L22-SW†	22L22-C	22SVM-W
Red	22L22-R or 22L22-SR†	22L22-C	22SVM-R
Ball Nose—In-Line Latching Female Connectors—Crimped Style 22L25 Series or 22L25-S Series (Cable Size: 350-500MCM)			
Black	22L25-E or 22L25-SE†	22L25-C	22SVF-E
White	22L25-W or 22L25-SW†	22L25-C	22SVF-W
Red	22L25-R or 22L25-SR†	22L25-C	22SVF-R

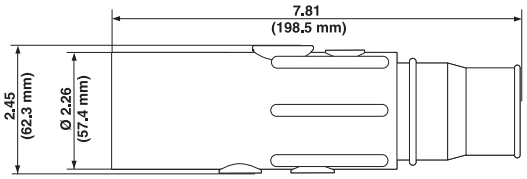
† 22L22-S and 22L25-S Series sleeves are Santoprene thermoplastic elastomer.
*Refer to Ampacity Chart for all cable sizes on page K53.



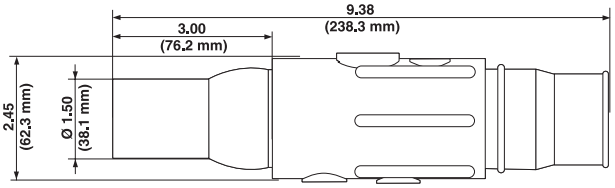
BALL NOSE IN-LINE LATCHING MALE CONNECTORS—SET SCREW



BALL NOSE IN-LINE LATCHING FEMALE CONNECTORS—SET SCREW



BALL NOSE IN-LINE LATCHING MALE CONNECTORS—CRIMPED



BALL NOSE IN-LINE LATCHING FEMALE CONNECTORS—CRIMPED

Up to 690A,* 600V

LEVITON

22/23 Series, Latching Ball Nose / Latching Taper Nose

SPECIFICATIONS & FEATURES
GENERAL
• Leviton's Cam-Type positive latching connectors and receptacles are the standard used by Navy bases and shipyards in supplying 480 volts AC 3-phase power to ships at dockside. Our latching connector series has been tested to meet Navy specs, including intermateability with competition. They provide heavy duty, completely insulated connectors that are vibration-resistant. These connectors will not vibrate or loosen, ensuring high conductivity and maximum efficiency. Contacts can be retrofitted to existing locations and power distribution systems. Male contacts provide 40% more surface contact with the female vs. competitive products, ensuring greater conductivity while preventing burnout.

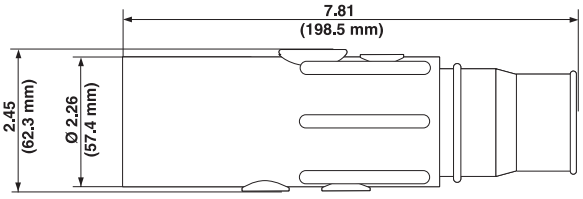
CERTIFICATION
ETL TESTED
Report #521300
ENVIRONMENTAL
Waterproof (when vulcanized) and fire-resistant for outside usage

22L23-E

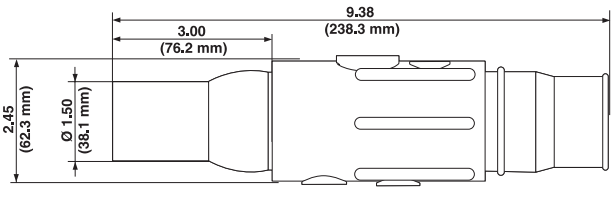
23L24-R

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Ball Nose—In-Line Latching Male Connectors—Crimped (Cable Size: 500-750MCM)			
Black	22L23-E	22L23-C	22SVM-E
White	22L23-W	22L23-C	22SVM-W
Red	22L23-R	22L23-C	22SVM-R
Ball Nose—In-Line Latching Female Connectors—Crimped (Cable Size: 500-750MCM)			
Black	22L26-E	22L26-C	22SVF-E
White	22L26-W	22L26-C	22SVF-W
Red	22L26-R	22L26-C	22SVF-R
Taper Nose—In-Line Latching Male Connectors—Crimped (Cable Size: 250-350MCM)			
Black	23L21-E	23L21-C	23SVM-E
White	23L21-W	23L21-C	23SVM-W
Red	23L21-R	23L21-C	23SVM-R
Taper Nose—In-Line Latching Female Connectors—Crimped (Cable Size: 250-350MCM)			
Black	23L24-E	23L24-C	23SVF-E
White	23L24-W	23L24-C	23SVF-W
Red	23L24-R	23L24-C	23SVF-R

*Refer to Ampacity Chart for all cable sizes on page K53.



BALL NOSE IN-LINE LATCHING MALE CONNECTORS—CRIMPED



BALL NOSE IN-LINE LATCHING FEMALE CONNECTORS—CRIMPED

Up to 690A,* 600V

22/23 Series, Latching Taper Nose

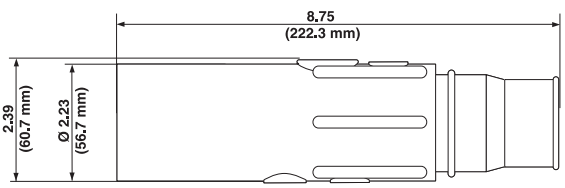
SPECIFICATIONS & FEATURES
GENERAL
• Leviton's Cam-Type positive latching connectors and receptacles are the standard used by Navy bases and shipyards in supplying 480 volts AC 3-phase power to ships at dockside. Our latching connector series has been tested to meet Navy specs, including intermateability with competition. They provide heavy duty, completely insulated connectors that are vibration-resistant. These connectors will not vibrate or loosen, ensuring high conductivity and maximum efficiency. Contacts can be retrofitted to existing locations and power distribution systems. Male contacts provide 40% more surface contact with the female vs. competitive products, ensuring greater conductivity while preventing burnout.

CERTIFICATION
ETL TESTED
Report #521300
ENVIRONMENTAL
Waterproof (when vulcanized) and fire-resistant for outside usage

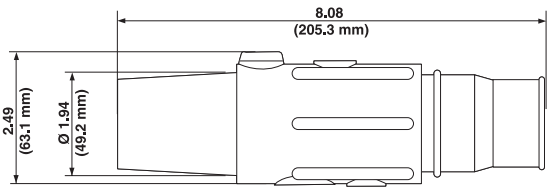
23L25-G

COLOR	COMPLETE CATALOG NUMBER	CONTACT CATALOG NUMBER	INSULATOR CATALOG NUMBER
Taper Nose—In-Line Latching Male Connectors—Crimped (Cable Size: 350-500MCM)			
Black	23L22-E	23L22-C	23SVM-E
White	23L22-W	23L22-C	23SVM-W
Red	23L22-R	23L22-C	23SVM-R
Taper Nose—In-Line Latching Female Connectors—Crimped (Cable Size: 350-500MCM)			
Black	23L25-E	23L25-C	23SVF-E
White	23L25-W	23L25-C	23SVF-W
Red	23L25-R	23L25-C	23SVF-R
Blue	23L25-B	23L25-C	23SVF-B
Green	23L25-G	23L25-C	23SVF-G
Taper Nose—In-Line Latching Male Connectors—Crimped (Cable Size: 500-750MCM)			
Black	23L23-E	23L23-C	23SVM-E
White	23L23-W	23L23-C	23SVM-W
Red	23L23-R	23L23-C	23SVM-R
Blue	23L23-B	23L23-C	23SVM-B
Green	23L23-G	23L23-C	23SVM-G
Taper Nose—In-Line Latching Female Connectors—Crimped (Cable Size: 500-750MCM)			
Black	23L26-E	23L26-C	23SVF-E
White	23L26-W	23L26-C	23SVF-W
Red	23L26-R	23L26-C	23SVF-R

*Refer to Ampacity Chart for all cable sizes on page K53.



TAPER NOSE IN-LINE LATCHING MALE CONNECTORS—CRIMPED



TAPER NOSE IN-LINE LATCHING FEMALE CONNECTORS—CRIMPED

Up to 690A,* 600V

LEVITON

22 Series Single Pole Cam Latching Ball Nose Panel Receptacle 15° Style

SPECIFICATIONS & FEATURES

GENERAL

- Leviton's Cam-Type positive latching connectors and receptacles are the standard used by Navy bases and shipyards in supplying 480 volts AC 3-phasepower to ships at dockside. Our latching connector series has been tested to meet Navy specs, including intermateability with competition. They provide heavy duty, completely insulated connectors that are vibration-resistant. These connectors will not vibrate or loosen, ensuring high conductivity and maximum efficiency. Contacts can be retrofitted to existing locations and power distribution systems. Male contacts provide 40% more surface contact with the female versus competitive products, ensuring greater conductivity while preventing burnout.

UFGS-16145 SPECIFICATIONS*

22R26 & 22R28 SERIES

- Rated for 600 volts, 690 amperes, 60 hertz, single pole, continuous duty operation. Provide 15 degree angled, panel mount, female, thermoplastic rubber insulated receptacles with threaded stud termination. Each Receptacle shall be provided with protective cap attached via wirelon. Receptacles shall be colored black phase A, white phase B, and red phase C. Receptacles indicated to have auxiliary switches which have a thru-center plunger that activates a single-pole double throw, water tight aluminum housed "rocker lever actuated" switch electrically rated for 25,000 cycles at 450 volts, 2 amperes, 60 hertz, and shall be mechanically rated for 20,000,000 cycles. Panel receptacles and protective caps shall be molded of an Ethylene Propylene Thermoplastic Rubber (EPTR) with the following minimum requirements:

a. Constant Service Temperature Range: -60ºC to + 135ºC (-81ºF to +275ºF)
b. Flammability: UL 94 HB Rated
c. Electrical: UL Relative Thermal Index (RTI): 100ºC (212ºF) minimum
d. Durometer Hardness: ASTM D 2240, 55 – 65 A

* Meets All specifications outlined in Unified Facilities Guide Specification

22R26-R
with protective cap off

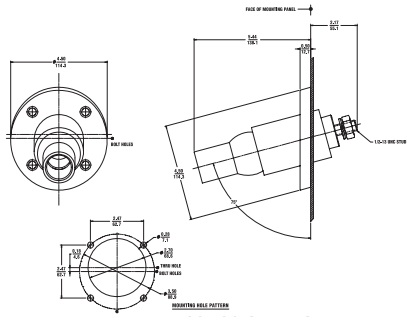
22R28-W
with protective cap off

22R22-W
with protective cap

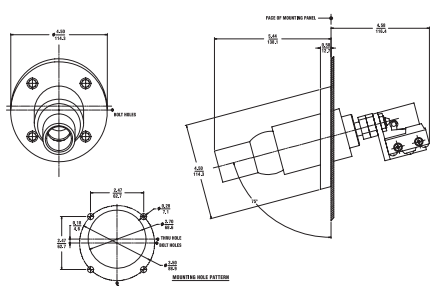
COLOR	15° STYLE	15° STYLE
	FEMALE	FEMALE w/ MICRO SWITCH
Ball Nose—Panel Receptacle		
Black	22R26-E	22R28-E
White	22R26-W	22R28-W
Red	22R26-R	22R28-R

*Refer to Ampacity Chart for all cable sizes on page K53.

22R28-W
micro switch (close-up)



22R26 SERIES



22R28 SERIES

22/23 Series, Latching Ball Nose / Latching Taper Nose

SPECIFICATIONS & FEATURES

GENERAL

- Leviton's Cam-Type positive latching connectors and receptacles are the standard used by Navy bases and shipyards in supplying 480 volts AC 3-phase power to ships at dockside. Our latching connector series has been tested to meet Navy specs, including intermateability with competition. They provide heavy duty, completely insulated connectors that are vibration-resistant. These connectors will not vibrate or loosen, ensuring high conductivity and maximum efficiency. Contacts can be retrofitted to existing locations and power distribution systems. Male contacts provide 40% more surface contact with the female vs. competitive products, ensuring greater conductivity while preventing burnout.

22P21-E

22P22-E

22R23-E

22R24-E

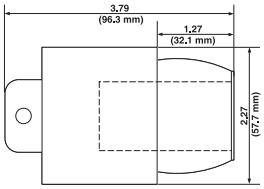
23R21-E

COLOR	BALL NOSE		TAPER NOSE	
	MALE	FEMALE	MALE	FEMALE
Protective Caps				
Black	22P21-E	22P22-E	23P21-E	23P22-E
White	22P21-W	22P22-W	23P21-W	23P22-W
Red	22P21-R	22P22-R	23P21-R	23P22-R

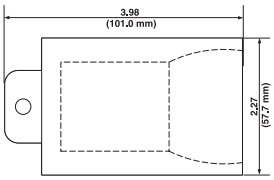
COLOR	MALE	FEMALE
Ball Nose—Thermoplastic Housing Panel Receptacle—Threaded Stud (Cable Size: 250-350MCM)		
Black	22H21-E	22H22-E
White	22H21-W	22H22-W
Red	22H21-R	22H22-R
Taper Nose—Thermoplastic Housing Panel Receptacle—Threaded Stud (Cable Size: 350-500MCM)		
Black	23H21-E	23H22-E
White	23H21-W	23H22-W
Red	23H21-R	23H22-R

COLOR	90° STYLE		30° STYLE	
	MALE	FEMALE†	MALE	FEMALE†
Ball Nose—Panel Receptacle—Threaded Stud (Cable Size: 250-750MCM)				
Black	22R21-E	22R22-E	22R23-E	22R24-E
White	22R21-W	22R22-W	22R23-W	22R24-W
Red	22R21-R	22R22-R	22R23-R	22R24-R
Taper Nose—Panel Receptacle—Threaded Stud (Cable Size: 250-750MCM)				
Black	23R21-E	23R22-E	23R23-E	23R24-E
White	23R21-W	23R22-W	23R23-W	23R24-W
Red	23R21-R	23R22-R	23R23-R	23R24-R
Blue	23R21-B	–	23R23-B	–
Green	23R21-G	–	23R23-G	–

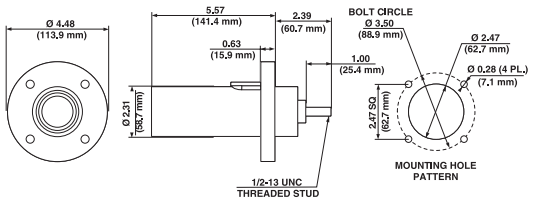
*Refer to Ampacity Chart for all cable sizes on page K53.
†Also available with Micro Switches.



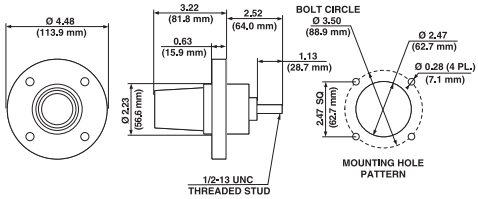
MALE PROTECTIVE CAP: 22P21 SERIES



FEMALE PROTECTIVE CAP: 22P22 SERIES

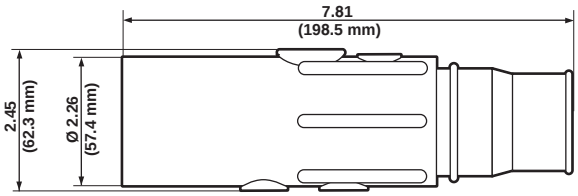


90° MALE PANEL RECEPTACLE THREADED STUD: 22R21 SERIES

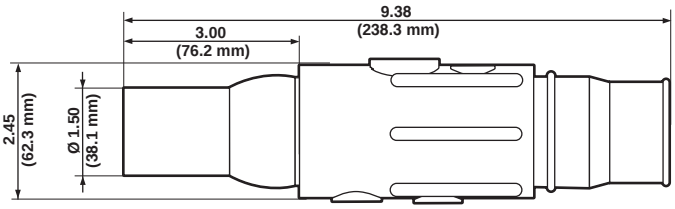


90° FEMALE PANEL RECEPTACLE THREADED STUD: 22R22 SERIES

22R24 and 23R23 drawings appear on page K53



22R24 SERIES



23R23 SERIES

Ampacity Chart

CABLE SIZE	MAXIMUM ALLOWABLE AMPACITIES		
	60°C (140°F)	75°C (167°F)	90°C (194°F)
#8	60	70	80
#6	80	95	105
#4	105	125	140
#3	120	145	165
#2	140	170	190
#1	165	195	220
1/0	195	230	260
2/0	225	265	300
3/0	260	310	350
4/0	300	360	400
250MCM	340	405	455
300MCM	375	445	505
350MCM	420	505	570
400MCM	455	545	615
500MCM	515	620	690

Cam Connectors for Commercial and Industrial Use

Leviton offers a wide variety of single pin cam-type cable connectors and panel mount receptacles that supply temporary electrical power distribution for multiple indoor and outdoor applications. The heavy-duty connectors are the standard for the following markets:

- Entertainment and Movie Industry
- Concerts and Theme Parks
- Carnival Equipment
- Conventions.

Other applications include:

- Motor and Generator Splices
- Mining and Construction Sites
- Commercial and Navy Shipbuilding & Repair
- Other temporary power applications.

Leviton manufactures the highest quality single pin connectors available. Our connectors are completely compatible with competitive cam-type products and can be retrofitted to existing locations and power distribution systems. We offer a variety of quick connect/disconnect connectors for various amperage ratings in a multitude of cable sizes. Connectors are available in two styles:

- *Field detachable*
- *Vulcanized*

We also offer ball nose and taper nose configurations.

Leviton Cam-Type Connectors Features and Benefits

- Intermateable and compatible with competitive cam-type products—can be retrofitted to existing locations and power distribution systems
- Locking and reinforcing ring won't melt, break or crack
- Shatter and crack proof—high durometer thermoplastic elastomer (TPE) or neoprene rubber
- Color-coded insulating sleeves—fast and easy phase identification
- Prevents arcing or burning—no movement of contact surfaces
- Self compensating for wear—slit and cam in male contact provides spring action for longer usage
- Quick connect/disconnect—twist and pull provided by double cam male and cam button in female
- High conductivity—positive, vibration-proof connection provided by double cam design
- Wide range of applications—usable with a wide range of cable and amperage ratings
- Meets NEC Code, UL Listed and CSA Certified. NEMA 3R-Rated for use in outside locations

Experience the Difference

Our cam-type connectors are designed for easy assembly and disassembly without special tools. An insulated screw is used to tightly secure the contact inside the insulating sleeve, making assembly, disassembly and field repairs effortless. The connectors use plastic locking and reinforcement rings molded into insulating sleeves and receptacles. Under severe stress and load conditions, plastic locking and reinforcement rings will not melt, break or crack. Other quality differences include:

- Reusable sleeves and contacts
- Preservation of cable length
- Snug fit due to Helox shape of connection as well as cable cutoffs that accommodate a wide range of cable sizes
- Hard thermoplastic elastomer screw head provides strength and durability
- Collar around port provides protection for insulated screw
- Quick check for cable-to-contact connection

DESCRIPTION	CAT. NO.
15 Series	
Male COM-A-LONG Assembly Tool For Female Plugs	15CLM

DESCRIPTION	CAT. NO.
15 Series	
Female COM-A-LONG Assembly Tool For Male Plugs	15CLF

DESCRIPTION	CAT. NO.
16 Series & 18 Series	
Female COM-A-LONG Assembly Tool For Male Plugs	16CLF

DESCRIPTION	CAT. NO.
16 Series & 18 Series	
Male COM-A-LONG Assembly Tool For Female Plugs	16CLM

DESCRIPTION	CAT. NO.
17, 19 & 22/23 Series	
Female COM-A-LONG Assembly Tool For Male Plugs	17CLF

DESCRIPTION	CAT. NO.
17, 19 & 22/23 Series	
Male COM-A-LONG Assembly Tool For Female Plugs	17CLM

DESCRIPTION	CAT. NO.
15 Series	
Set Screws, 10 per pack	A0001

DESCRIPTION	CAT. NO.
16 Series & 18 Series	
Set Screws, 10 per pack	A0002

DESCRIPTION	CAT. NO.
15 Series	
Copper Shims, 10 per pack	A0006

DESCRIPTION	CAT. NO.
16 Series & 18 Series	
Copper Shims, 10 per pack	A0004

DESCRIPTION	CAT. NO.
15 Series	
Strain Relief Wire, 10 per pack	A0007

DESCRIPTION	CAT. NO.
16 Series & 18 Series	
Strain Relief Wire, 10 per pack	A0003

DESCRIPTION	CAT. NO.
16 Series & 18 Series	
Insulated Screws, 10 per pack	A0005

DESCRIPTION	CAT. NO.
Lubricating Spray	
16 Fluid Ounce Can	C0001

Stage Pin Devices

Stage Pin Device Features

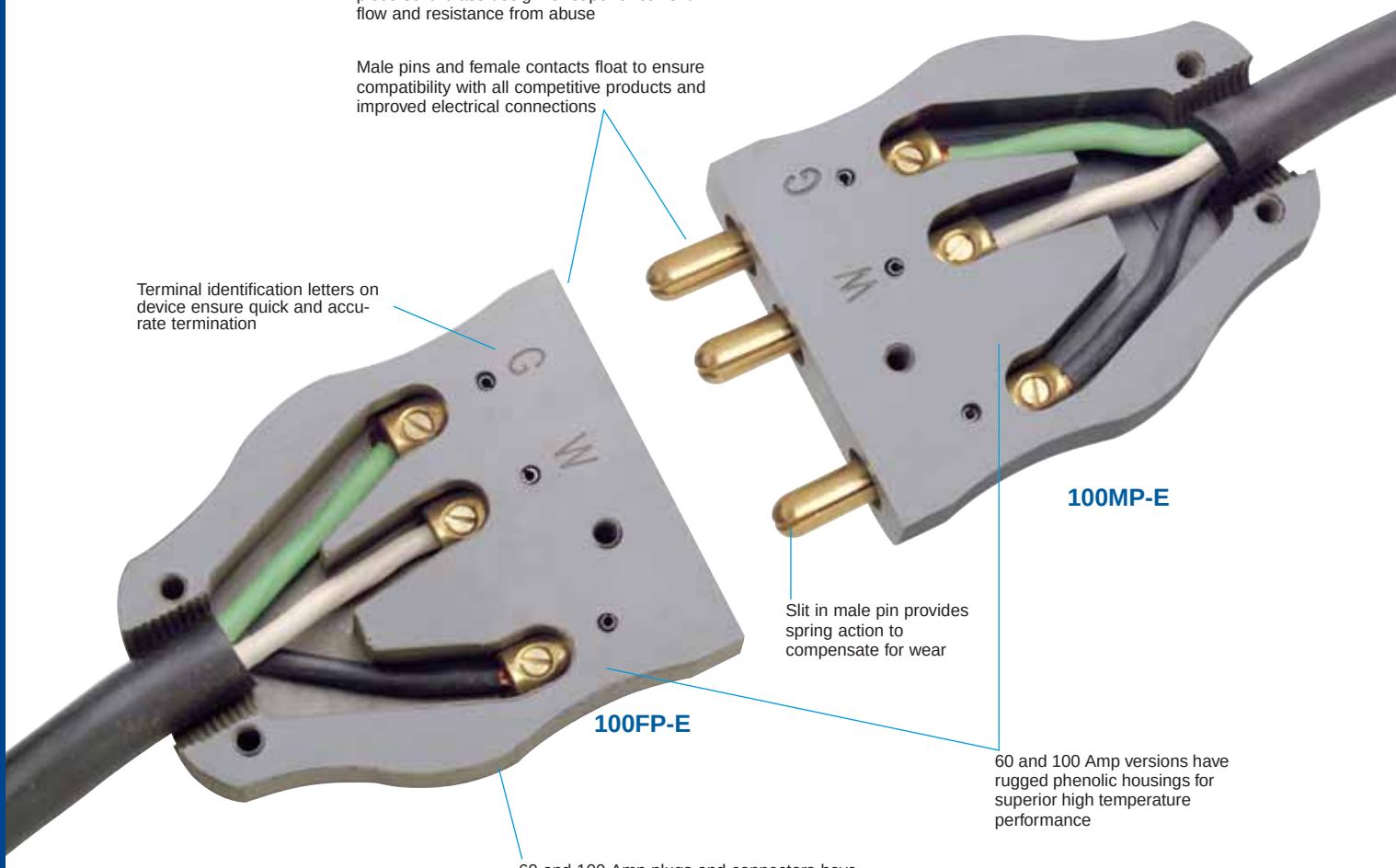
LEVITON

Conforms to USITT (United States Institute for Theater Technology) S3 Standard for Stage Pin Connectors

Male pins and female contacts have a one-piece solid brass design for superior current flow and resistance from abuse

Male pins and female contacts float to ensure compatibility with all competitive products and improved electrical connections

Terminal identification letters on device ensure quick and accurate termination



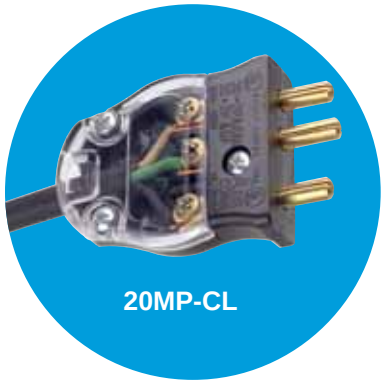
100MP-E

100FP-E

Slit in male pin provides spring action to compensate for wear

60 and 100 Amp versions have rugged phenolic housings for superior high temperature performance

60 and 100 Amp plugs and connectors have **Sure Grip™** edge for easy handling



20MP-CL

20 Amp version is available with a clear cover to allow for visual inspection of proper termination of conductors. Other colors available include white, blue, green, yellow, red and orange. Consult factory for availability.

Stage Pin Devices

Ordering Information

20, 60 & 100 Amp Stage Pin Devices

20MP-CL

20FP-CL

60MP-E

60FP-E

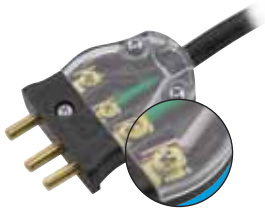
100MP-E

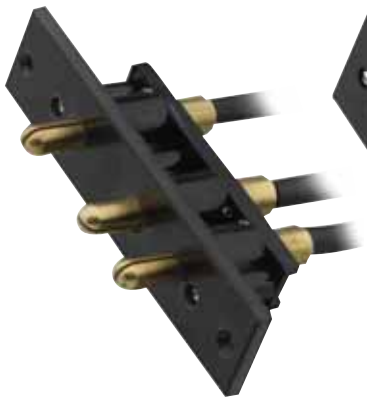
100FP-E

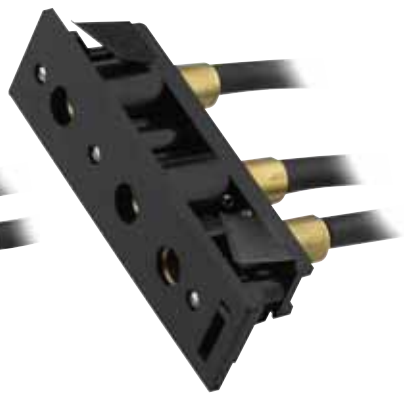
DESCRIPTION	CATALOG NO.	COLOR*
20A 125V, 2-P 3-W, Grounding		
Male Plug-Pressure Plate Terminal Male Plug-Pressure Plate Terminal	20MP-E 20MP-CL	Black Black w/ Clear Cover
Male Plug-Crimp Terminal Male Plug-Crimp Terminal	20MC-E 20MC-CL	Black Black w/ Clear Cover
Female Connector-Pressure Plate Terminal Female Connector-Pressure Plate Terminal	20FP-E 20FP-CL	Black Black w/ Clear Cover
Female Connector-Crimp Terminal Female Connector-Crimp Terminal	20FC-E 20FC-CL	Black Black w/ Clear Cover
Panel Mount Female Receptacle-Set Screw Terminal, Snap-In Mounting	20RS-E	Black
Panel Mount Male Inlet-Screw Terminal, Snap-In Mounting	20IS-E	Black
60A 125V, 2-P 3-W, Grounding		
Male Plug-Set Screw Terminal	60MP-E	Black
Female Connector-Set Screw Terminal	60FP-E	Black
Panel Mount Female Receptacle-Set Screw Terminal, Snap-In Mounting	60RS-E	Black
Panel Mount Female Receptacle-Set Screw Terminal, Bolt-On Mounting	60RB-E	Black
Panel Mount Male Inlet-Set Screw Terminal, Snap-In Mounting	60IS-E	Black
Panel Mount Male Inlet-Set Screw Terminal, Bolt-On Mounting	60IB-E	Black
100A 125V, 2-P 3-W, Grounding		
Male Plug-Set Screw Terminal	100MP-E	Black
Female Connector-Set Screw Terminal	100FP-E	Black
Panel Mount Female Receptacle-Set Screw Terminal, Bolt-On Mounting	100RB-E	Black
Panel Mount Male Inlet-Set Screw Terminal, Bolt-On Mounting	100IB-E	Black

*For 20 Amp male plugs and female connectors, other cover colors are available in white, blue, green, yellow, red and orange. Consult factory for availability.

Male Plug, Crimp Terminal


Male Plug, Pressure Plate Terminal


Male Panel Mount, Bolt-On
See Page M3 for Dimensional Drawings

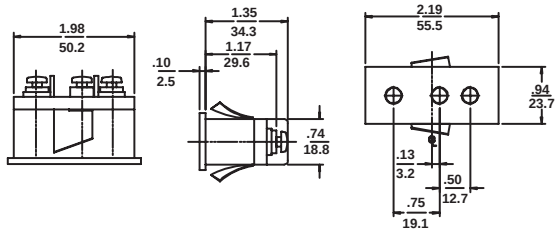

Female Panel Mount, Snap-In
See Page M3 for Dimensional Drawings

Dimensional Drawings

LEVITON

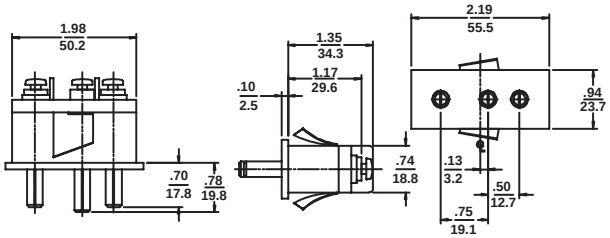
Stage Pin Panel Mount Drawings

20A FEMALE RECEPTACLE, SNAP-IN



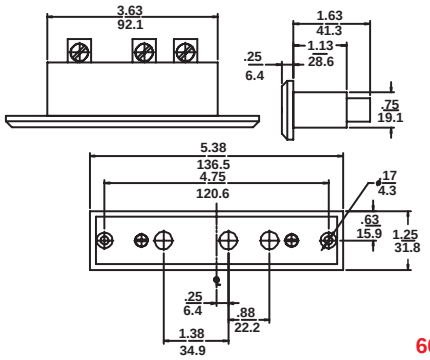
20RS-E

20A MALE INLET, SNAP-IN



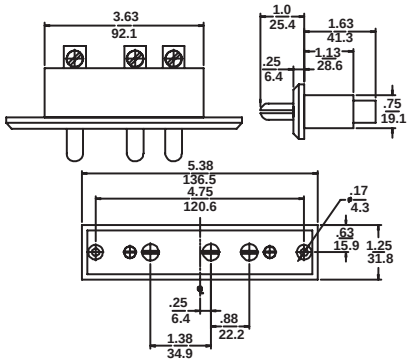
20IS-E

60A FEMALE RECEPTACLE, BOLT-ON



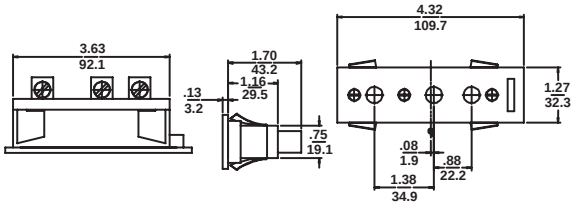
60RB-E

60A MALE INLET, BOLT-ON



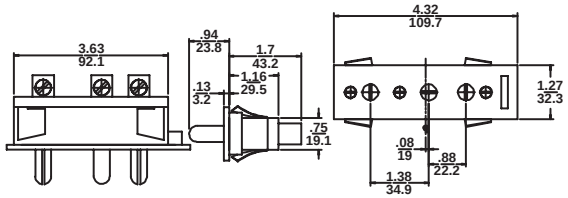
60IB-E

60A FEMALE PANEL RECEPTACLE, SNAP-IN



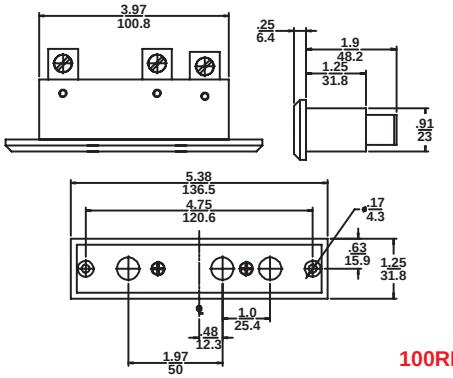
60RS-E

60A MALE PANEL INLET, SNAP-IN



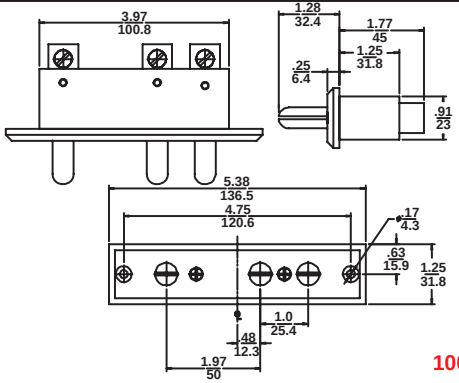
60IS-E

100A FEMALE RECEPTACLE, BOLT-ON



100RB-E

100A MALE INLET, BOLT-ON



100IB-E

Rhino-Hide®
49 Series Connectors

Ordering Information

For Cable Sizes 313 MCM Through 777 MCM

Male Contact

Female Contact

Contacts are for copper cable only.

Ordering Tables – Male and Female Connectors

COMPLETE MALE CONNECTOR BY CABLE SIZE					
COLOR	**313 MCM CABLE**	**444 MCM CABLE**	**535 MCM CABLE**	**646 MCM CABLE**	**777 MCM CABLE**
Black	49M31-E	49M44-E	49M53-E	49M64-E	49M77-E
White	49M31-W	49M44-W	49M53-W	49M64-W	49M77-W
Red	49M31-R	49M44-R	49M53-R	49M64-R	49M77-R
Blue	49M31-B	49M44-B	49M53-B	49M64-B	49M77-B
Green	49M31-G	49M44-G	49M53-G	49M64-G	49M77-G
Yellow	49M31-Y	49M44-Y	49M53-Y	49M64-Y	49M77-Y
Orange	49M31-O	49M44-O	49M53-O	49M64-O	49M77-O
Brown	49M31-H	49M44-H	49M53-H	49M64-H	49M77-H
Purple	—	—	49M53-P	—	—
COMPLETE FEMALE CONNECTOR BY CABLE SIZE					
COLOR	**313 MCM CABLE**	**444 MCM CABLE**	**535 MCM CABLE**	**646 MCM CABLE**	**777 MCM CABLE**
Black	49F31-E	49F44-E	49F53-E	49F64-E	49F77-E
White	49F31-W	49F44-W	49F53-W	49F64-W	49F77-W
Red	49F31-R	49F44-R	49F53-R	49F64-R	49F77-R
Blue	49F31-B	49F44-B	49F53-B	49F64-B	49F77-B
Green	49F31-G	49F44-G	49F53-G	49F64-G	49F77-G
Yellow	49F31-Y	49F44-Y	49F53-Y	49F64-Y	49F77-Y
Orange	49F31-O	49F44-O	49F53-O	49F64-O	49F77-O
Brown	49F31-H	49F44-H	49F53-H	49F64-H	49F77-H
Purple	—	—	49F53-P	—	49F77-P
Gray	—	—	49F53-GY	—	49F77-GY

Devices are color coded for visual identification of circuit and phase connections

Ordering Information

For Cable Sizes 313 MCM Through 777 MCM

Panel Mounted Receptacles

Single Hole and Double Hole Bus Bar Terminations

Ordering Tables – Male and Female Panel Mounted Receptacle

		COMPLETE MALE RECEPTACLE		COMPLETE FEMALE RECEPTACLE	
	COLOR	SINGLE HOLE BUS BAR	DOUBLE HOLE BUS BAR	SINGLE HOLE BUS BAR	DOUBLE HOLE BUS BAR
Cable Size 313 MCM Through 777 MCM **Bus Bar Hole Diameter** 0.65” / 16.5mm	Black	49MR1-CE	49MR2-CE	49FR1-CE	49FR2-CE
	White	49MR1-CW	49MR2-CW	49FR1-CW	49FR2-CW
	Red	49MR1-CR	49MR2-CR	49FR1-CR	49FR2-CR
	Blue	49MR1-CB	49MR2-CB	49FR1-CB	49FR2-CB
	Green	49MR1-CG	49MR2-CG	49FR1-CG	49FR2-CG
	Yellow	49MR1-CY	49MR2-CY	49FR1-CY	49FR2-CY
	Orange	49MR1-CO	49MR2-CO	49FR1-CO	49FR2-CO
	Brown	49MR1-CH	49MR2-CH	49FR1-CH	49FR2-CH
	Purple	49MR1-CP	———	49FR1-CP	49FR2-CP
	Gray	49MR1-CGY	———	———	———

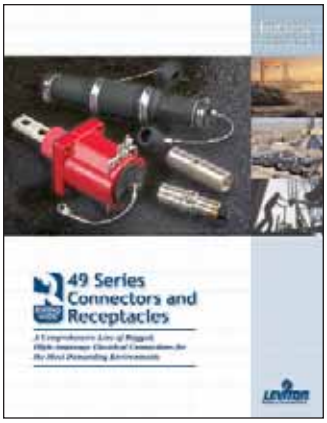
CONNECTOR ACCESSORIES AND REPLACEMENT PARTS

CAT NO.	DESCRIPTION	COLOR	MATERIAL
49PNR	Clevis pin for in-line connector coupler	Silver	Stainless Steel
49DSM	Dust cap for single pole male connector	Black	Santoprene TPV
49DSF	Dust cap for single pole female connector	Black	Santoprene TPV
49COP-*	In-line Coupler for Connectors	See footnote	Powder coated aluminum

PANEL MOUNTED RECEPTACLE ACCESSORIES AND REPLACEMENT PARTS

CAT NO.	DESCRIPTION	COLOR	MATERIAL
49PNR	Clevis pin for panel mount receptacle	Silver	Stainless Steel
49CSR	Receptacle housing	Silver	Cast Aluminum
49DSR	Dust cover cap for male or female receptacle	Black	Santoprene TPV
49GAS	Receptacle housing gasket	Black	Rubber

To order a color, replace the * with color’s suffix: Black (E), White (W), Red (R). Blue (B), Green (G), Yellow (Y), Orange (O), Brown (H).
Features and specifications may be subject to change.



Dust Cover Cap

Clevis Pin

Coupler

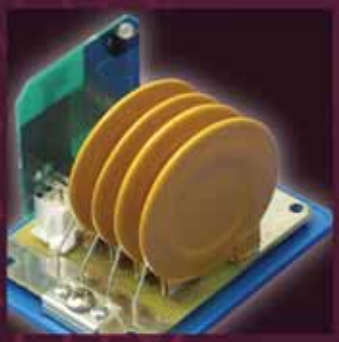
For additional information such as Dimensional Drawings, Installation and Assembly Instructions and Application and Specification information request a copy of the Rhino-Hide® 49 Series Connectors Product Bulletin or visit us on-line at www.leviton.com and a pdf file is available for review.

Our Complete Line of Industrial Products

Just a click away:

www.leviton.com/industrial

L SECTION



Power Quality Devices

SURGE PROTECTION PANELS

74120-7M3

- Provides complete protection on all phases even if one module fails; modular design allows easy replacement of modules. NC, NO contacts for remote status indication.
- Models available with surge event counter

PAGES L2-L6

PANEL PROTECTORS

- Provides multiple-phase surge protection in commercial and industrial environments; 3Ø models are suitable for WYE and Delta AC systems
- Compact design permits close installation to panel and provides a short parallel suppression path

32120-DY3

PAGE L7

SURGE ARRESTERS

55650-Series

- Designed for 120/240 volt single-phase and 277/480V three-phase
- Rugged housing constructed of outdoor-rated, high-impact thermoplastic

PAGES L8-L9

SURGE PROTECTION MODULES

- Hard wired
- For use by OEM's who wish to include 120/240V surge protection
- Available in 5, 10, 15 and 20 Amp versions
- DIN-rail mountable

51020-DIN

PAGES L10-L12

LOW-VOLTAGE MODULES

- Hard wired
- For use on Allen Bradley & 4-20 ma devices
- CE approved
- Two options for ground connection
- Protects programmable logic devices from surges in harsh electromagnetic or geographic areas

3803-485

PAGE L13

SURGE/IG RECEPTACLES

- 15–20 Amp duplex, single and 4-in-1 5480 & 5490 Series configurations
- UL Listed to 1449 and 498 Standard
- Protection indicator light and audible damage alarm
- Decora-style nylon face included
- IG versions

8280-B

PAGES L14-L16, L20

DIN MOUNTED RECEPTACLES

- Green LED goes off when surge protection is lost
- Audible alarm has an integral disable (quiet) switch
- Power continues to be provided to connected loads in the event of protection loss

3880-DIN

PAGE L17

SURGE STRIPS

- Available in a variety of grades
- Real-time diagnostics monitor power and suppression status
- Six protected outlets
- Resettable circuit breaker and internal fusing
- Equipped with 6-foot, 14-3AWG power cord

S1000-PS

PAGES L18-19

POWER DISTRIBUTION

SH081-1D1

- Switched or Metered
- 120V or 208V options
- Variety of Input/Output Options

PAGES L21-L28

STRIP SERIES

U0320-SKO

- Includes monitoring software
- Standby Technology
- 6 Outlets for Business Computers

PAGE L29

UPS PRO SERIES

U0800-SRM

- Simulated Sine-Wave Output
- Tower, Desktop, or Rackmount
- Advanced Battery Mgmt. (ABM)

PAGE L31

UPS-SINE & ONLINE

U0500-AKP

- True Sine Wave Output
- Tower & Rack-Mount
- Advanced Battery Mgmt. (ABM)

PAGES L31-32

74000 Series – For Industrial & Commercial Environments

10 YEAR LIMITED WARRANTY

SPECIFICATIONS & FEATURES
74000 SERIES

- Provides Seven Mode Protection.
- User replaceable modules
- Real-time diagnostics monitor power and suppression status for each mode
- Surge magnitude, time, and date is provided for each surge event.
- AC Sine Wave Tracking
- Optically isolated dry contacts
- UL 1449 2.5 Edition

ENVIRONMENTAL

STORAGE TEMPERATURE
-20°C to 85°C

OPERATING TEMPERATURE
-10°C to 60°C

STANDARDS & CERTIFICATIONS

ANSI/IEEE Categories A, B, & C
C-62.41 & C-62.45

UL 1449
#E146315

CSA
#LR-94773

Green indicator lights illuminate when the panel status is OK. A fault condition is indicated when up to 3 indicators are no longer illuminated

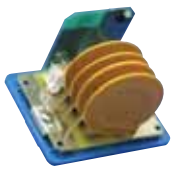
Yellow indicator light will illuminate and audible alarm will sound when one of the fuses in the surge module opens due to surge activity. The percentage of protection in that module will flash on the screen (i.e., 75% protection when 1 fuse is open).

74120-7M3

Red indicator light will illuminate and audible alarm will sound when protection level is at 50% or less

Arrow buttons allow user to view surge event history

Information is easily downloadable via RS-232 port using the program "Hyperterminal" (see instruction sheet for detailed instructions).



Large-diameter MOV's, 40mm on 74000 Series panels are individually thermal fused for over-current protection.

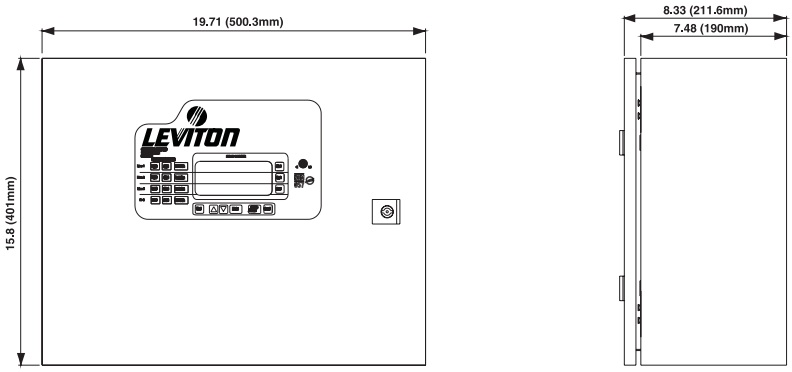
Rockwell Automation Encompass Product Partner Americas

Diagnostic Capabilities:

- Monitors the status of each phase
- Display will indicate "Fault", "Alert", and "Protection" status.
- Functions include a surge event counter, amplitude measurement, date and time stamping of the event.
- Events are stored and are recallable and downloadable by the user

DESCRIPTION	CATALOG NO.	VOLTAGE RATING 3Ø WYE (4-Wire + Ground)	MODULE NO.
74000 Series			
7-Mode, 3ø WYE, 4-Wire + Ground	74120-7M3	120/208V AC	(7) HC120-M40
7-Mode, 3ø WYE, 4-Wire + Ground	74277-7M3	277/480V AC	(7) HC277-M40

CATALOG NO.	MCOV	UL 1449 (2nd Ed) IMPULSE 6kV/500A			MAX.SURGE CURRENT in kA (test w/ 8x20µs wave)			NOISE REJECTION
74000 Series								
		L-N	L-G	N-G	L-N + L-G = "per Phase"			
74120-7M3	150V AC	400	400	400	200	200	400	-40 dB (@ 5K-100MHz)
74277-7M3	320V AC	800	800	800	200	200	400	-40 dB (@ 5K-100MHz)



74000 SERIES

Surge Protection Panels

LEVITON

47000 & 52000 Series – For Industrial & Commercial Environments

10 YEAR LIMITED WARRANTY

SPECIFICATIONS & FEATURES 47000 & 52000 SERIES	ENVIRONMENTAL	
	STORAGE TEMP.	OPERATING TEMP.
• Provides Seven Mode Protection. • 47000 Series available in NEMA 1 or 4X enclosure. 52000 Series comes in a NEMA 12 enclosure with Flush Mount Collar. • Dry contacts for remote monitoring (NO-C-NC). LED's provide indication of protection status of each mode. • Features Sine-Wave Tracking and Redundant Protection. • UL 1449 2nd Edition Listed	-20°C to 85°C	-10°C to 60°C
	FLAMMABILITY	
	UL94-5V Flame Retardant Thermoplastic (Front Bezel)	
	STANDARDS & CERTIFICATIONS	
	ANSI/IEEE Categories A, B & C	UL 1449 / CSA
	C-62.41 C-62.45	#E13393 / #LR-406

Rockwell Automation Encompass Product Partner Americas

47120-007

47120-4X7

52120-M3

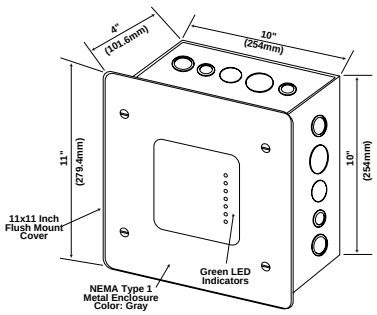
DESCRIPTION	WITHOUT SURGE COUNTER	WITH SURGE COUNTER	VOLTAGE RATING	MODULE NO.
47000 & 52000 Series				
7-Mode Panel Mount (4 Wired + Ground)	47120-007	–	3ø WYE (4-Wire + Ground) 120/208V AC	–
7-Mode Panel Mount w/ NEMA 4X Enclosure (4 Wire + Ground)	47120-4X7	–	3ø WYE (4-Wire + Ground) 120/208V AC	–
7-Mode Panel Mount (4 Wire + Ground)	47277-007	–	3ø WYE (4-Wire + Ground) 277/480V AC	–
7-Mode Panel Mount w/ NEMA 4X Enclosure (4 Wire + Ground)	47277-4X7	–	3ø WYE (4-Wire + Ground) 277/480V AC	–
7-Mode Panel Mount (4 Wire + Ground)	47347-007	–	3ø WYE (4-Wire + Ground) 347/600V AC	–
7-Mode Modular Panel Mount (4 Wire + Ground)	–	52120-7C3	3ø WYE (4-Wire + Ground) 120/208V AC	(3) 120-7M3 (1) 8120-GN
7-Mode Modular Panel Mount (4 Wire + Ground)	–	52277-7C3	3ø WYE (4-Wire + Ground) 277/480V AC	(3) 220-7M3 (1) 8120-GN
52000 Series				
Single Phase, 2-Wire & Ground	52120-M1	–	120V AC	(1) 2120 (1) 8120-GN
Single Phase, 3-Wire & Ground (Home Automation Model)	–	52120-CM2	120/240V AC	(2) 2120 (1) 8120-GN
3ø WYE, 4-Wire & Ground (Without Enclosure)	–	52120-CM3	120/208V AC	(3) 2120 (1) 8120-GN
3ø WYE (International), 4-Wire & Ground	52220-IM3	–	220/380V AC	(3) 2220 (1) 8250-GN
3ø Delta, 3-Wire & Ground	52240-DM3	–	240V AC	(3) 2240
3ø WYE, 4-Wire & Ground		52277-CM3	277/480V AC	(3) 2277 (1) 8320-GN
3ø WYE, 4-Wire & Ground	52347-M3	–	347/600V AC	(3) 2347 (1) 8385-GN
3ø Delta, 3-Wire & Ground	52480-DM3	–	480V AC	(3) 2480
Split Phase Delta, 4-Wire & Ground	52412-DS3	–	120/240V AC	(2) 2120 (120V) & (1) 2412 (Hi-Leg)

Surge Protection Panels

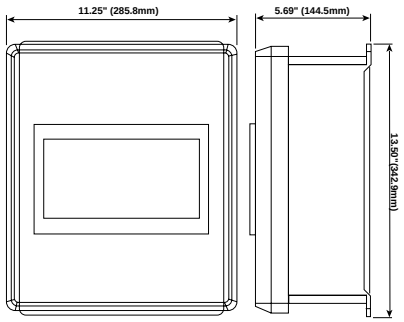
10 YEAR LIMITED WARRANTY

47000 & 52000 Series – For Industrial & Commercial Environments

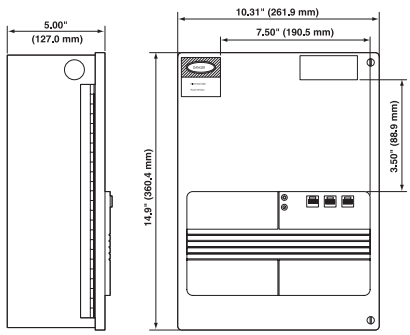
CATALOG NO.	MCOV	UL 1449 (2nd Ed) IMPULSE 6kV/500A				MAX.SURGE CURRENT in kA (test w/ 8x20µs wave)			NOISE REJECTION
47000 & 52000 Series									
		L-N	L-G	N-G	L-L	L-N + L-G = "per Phase"			
47120-007 47120-4x7	140V AC	330	400	330	600	200	200	400	-40 dB (@ 10K-10MHz)
47277-007 47277-4x7	320V AC	700	800	700	1500	200	200	400	-40 dB (@ 10K-10MHz)
47347-007	390V AC	1200	1300	1200	2200	200	200	400	-40 dB (@ 10K-10MHz)
52120-7C3	150V AC	400	500	400	800	100	100	200	20-40 (@ 5KHz-100MHz)
52277-7C3	320V AC	800	900	800	1500	100	100	200	20-40 (@ 5KHz-100MHz)
52000 Series									
		L-N	L-G	N-G	L-L	L-N			
52120-M1	150V AC	400	800	400	–	100			-20 to -40 dB (@ 5K-10MHz)
52120-CM2	150V AC	400	800	400	800	100			-20 to -40 dB (@ 5K-10MHz)
52120-CM3	150V AC	400	800	400	800	100			-20 to -40 dB (@ 5K-10MHz)
52220-IM3	250V AC	600	1200	600	1200	100			-20 to -40 dB (@ 5K-10MHz)
52240-DM3	L-L: 250V AC	–	–	–	600	100			-20 to -40 dB (@ 5K-10MHz)
52277-CM3	320V AC	800	1800	800	1800	100			-20 to -40 dB (@ 5K-10MHz)
52347-M3	420V AC L-L: 680	900	–	–	900	100			-20 to -40 dB (@ 5K-10MHz)
52480-DM3	550V AC	–	–	–	1500	100			-20 to -40 dB (@ 5K-10MHz)
52412-DS3	L-L: 250V AC	400	800	400	800	100			-20 to -40 dB (@ 5K-10MHz)



47120-007, 47277-007, 47347-007



47120-4X7, 47277-4X7



52000 SERIES

Surge Protection Panels

LEVITON

57000 Series – For Service Entrance or Branch Panels

10 YEAR LIMITED WARRANTY

SPECIFICATIONS & FEATURES
57000 SERIES

- Available with NEMA 12 enclosure. Flush mount collar included with most units.
- Dry contacts for remote monitoring (NO-C-NC).
- Modular design allows for easy replacement of modules.
- Features Sine-Wave Tracking and Redundant Protection.
- UL 1449 2nd Edition Listed.

ENVIRONMENTAL

STORAGE TEMPERATURE
-20°C to 85°C

OPERATING TEMPERATURE
-10°C to 60°C

FLAMMABILITY

UL 94-5V
Flame Retardant Thermoplastic
(Front Bezel)

STANDARDS & CERTIFICATIONS

ANSI/IEEE Categories A, B, & C
C-62.41 & C-62.45

UL 1449
#E146315

CSA
#LR-94773

57346-M3

57120-CM3

Rockwell Automation Encompass Product Partner

DESCRIPTION	WITHOUT SURGE COUNTER	WITH SURGE COUNTER	VOLTAGE RATING 3Ø WYE (4-Wire + Ground)	MODULE NO.
57000 Series				
3Ø WYE, 4-Wire & Ground	–	57120-CM3	120/208V AC	(3) 120 (1) 8120-GN
3Ø WYE 7-Mode, Integral Disconnect, 4-Wire & Ground	–	57120-C3S	120/208V AC	(3) 120-M3S (1) 8120-GN
3Ø Delta, 3-Wire & Ground	57240-DM3	–	240V AC	(3) 7240
3Ø WYE, 4-Wire & Ground	–	57277-CM3	277/480V AC	(3) 7277 (1) 8320-GN
3Ø WYE 7-Mode, Integral Disconnect, 4-Wire & Ground	–	57277-C3S	277/480V AC	(3) 7277-M3S (1) 8320-GN
3Ø WYE, 4-Wire & Ground	57346-M3	–	346/600V AC	(3) 7347 (1) 8385-GN
3Ø Delta, 3-Wire & Ground	57480-DM3	–	480V AC	(3) 7480
3Ø Delta, 3-Wire & Ground	57600-DM3	–	600V AC	(3) 7600

Catalog #120

Replacement Modules for Superior Protection

The heart of the Cat. No. 57000 group is the powerful Replacement Module equipped with extremely effective hybrid multi-component suppression circuitry. Six different module variants are available to suit a range of commonly available North American AC line-voltage configurations.

Surge Protection Panels

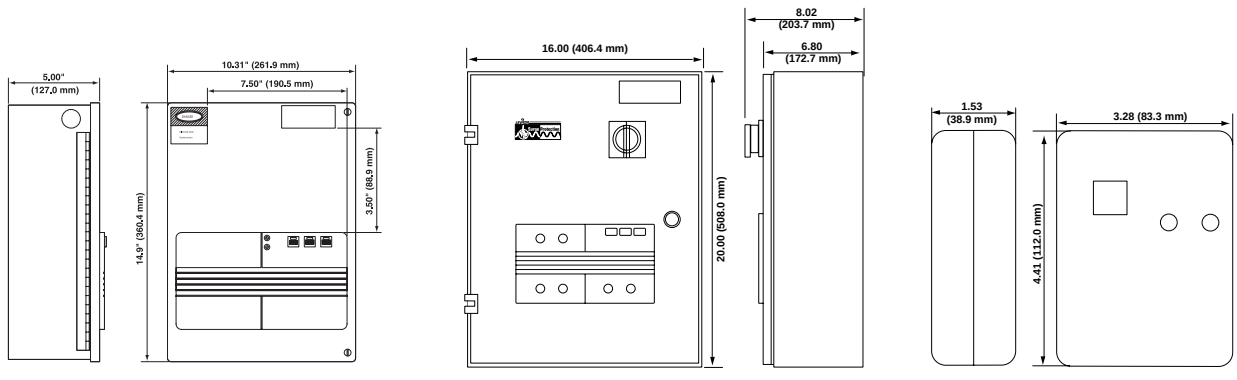
10 YEAR LIMITED WARRANTY

57000 Series – For Service Entrance or Branch Panels

CATALOG NO.	MCOV	UL 1449 (2nd Ed) IMPULSE 6kV/500A				MAX.SURGE CURRENT in kA (test w/ 8x20µs wave)			NOISE REJECTION
57000 Series									
		L-N	L-G	N-G	L-L	L-N + L-G = "per Phase"			
57120-CM3	150V AC	400	800	400	800	150	–	150	-20 to -40 dB (@ 5K-10MHz)
57120-C3S	150V AC	400	500	400	700	100	100	200	-20 to -40 dB (@ 5K-10MHz)
57240-DM3	250V AC	–	–	–	700	L-L: 150			-20 to -40 dB (@ 5K-10MHz)
57277-CM3	320V AC	800	1800	800	1800	150	–	150	-20 to -40 dB (@ 5K-10MHz)
57277-C3S	320V AC	900	1000	800	1500	100	100	200	-20 to -40 dB (@ 5K-10MHz)
57346-M3	385V AC	1000	2000	1000	2000	150	–	150	-20 to -40 dB (@ 5K-10MHz)
57480-DM3	550V AC	–	–	–	1500	L-L: 150			-20 to -40 dB (@ 5K-10MHz)
57600-DM3	680V AC	–	–	–	1800	L-L: 150			-20 to -40 dB (@ 5K-10MHz)

52000-RS

57000 Series panels Shown with 52000-RS Remote Supervisor, features easy-to-install replaceable modules.



57000 SERIES | 57000-M3 | 52000-RS

Multi-Phase Panel Protectors

LEVITON

32000 Series – For Industrial & Commercial Environments

10 YEAR LIMITED WARRANTY

SPECIFICATIONS & FEATURES
32000 & 42000 SERIES

- 32000 Series Compatible with Decora Home automation devices.
- Real-time diagnostics via indicator lights and acoustic alarm.
- Dry contacts for remote monitoring (NO-C-NC).
- Compact design for close installation to panel provides short parallel suppression path.
- UL 1449 2nd Edition Listed.

ENVIRONMENTAL

STORAGE TEMPERATURE
-20°C to 85°C

OPERATING TEMPERATURE
-10°C to 60°C

FLAMMABILITY

UL94-5V
Flame Retardant Thermoplastic
(Front Bezel)

STANDARDS & CERTIFICATIONS

ANSI/IEEE Categories A, B, & C
C-62.41 & C-62.45

UL 1449
#E146315

CSA
#LR-94773

Rockwell Automation Encompass Product Partner

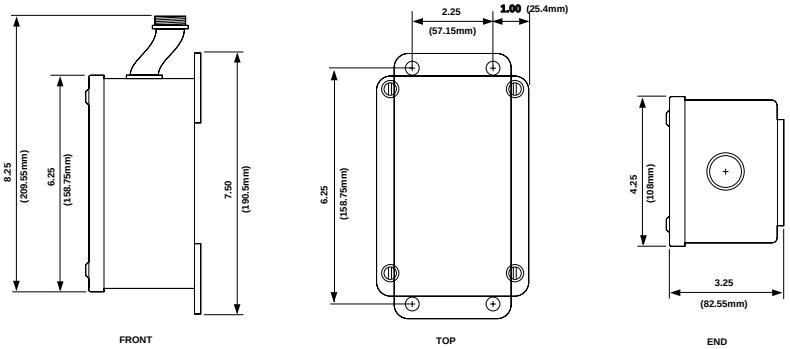
32120-DY3

Accessory

Cat. No. **42001-FMC**
Flush Mount Cover

DESCRIPTION	CATALOG NO.	VOLTAGE RATING
32000 Series		
Single Phase	32120-1	120/240V AC
3Ø WYE or 220V AC, 3Ø Delta	32120-DY3	120/208V AC
277/480V or 220/380V AC 3Ø WYE or 240, 480V AC 3Ø Delta	32277-DY3	277/480V AC, 220/380V AC, 480V AC
3Ø WYE	32347-DY3	347/600V AC
Hi-Leg Split Phase Delta	32412-DS3	120/240V AC
Flush Mount Collar	42001-FMC	–

CATALOG NO.	MCOV	UL 1449 (2nd Ed) IMPULSE 6kV/500A			MAX.SURGE CURRENT in kA (test w/ 8x20µs wave)	NOISE REJECTION FOR 32000 SERIES	NOISE REJECTION FOR 42000 SERIES
32000 Series							
		L-N	N-G	L-L	L-N		
32120-1	150V AC	500	500	700	80kA	-20 to -30 dB (@ 1.5K-1.2MHz)	-30 to -40 dB (@ 10K-10MHz)
32120-DY3	150V AC	500	500	700	80kA	-20 to -30 dB (@ 1.5K-1.2MHz)	-30 to -40 dB (@ 10K-10MHz)
32277-DY3	320V AC	900	800	1500	80kA	-20 to -30 dB (@ 1.5K-1.2MHz)	-30 to -40 dB (@ 10K-10MHz)
32347-DY3	382V AC L-L: 660V AC	1200	1000	2000	80kA	-20 to -30 dB (@ 1.5K-1.2MHz)	-30 to -40 dB (@ 10K-10MHz)
32412-DS3	132V AC L-L: 264V AC	400	500	800	80kA	-20 to -30 dB (@ 1.5K-1.2MHz)	-30 to -40 dB (@ 10K-10MHz)



32000 SERIES

50240 & 50208 Series – For Industrial & Commercial Environments

LIMITED WARRANTY

SPECIFICATIONS & FEATURES
50240 & 50208 SERIES

- Use of a single, large 53mm MOV per line provides a higher energy capacity than multiple small MOV. Configurations where the protection is only as good as the weakest MOV in the chain.
- Constructed of high-impact, non-conductive, fiberglass-reinforced polycarbonate.
- 15 year limited warranty with $10,000 connected equipment coverage for "white-goods" appliances.

ENVIRONMENTAL

STORAGE TEMPERATURE
-20°C to 85°C

OPERATING TEMPERATURE
-10°C to 60°C

STANDARDS & CERTIFICATIONS

ANSI/IEEE Category C
C-62.11, C-62.41 & C-62.45

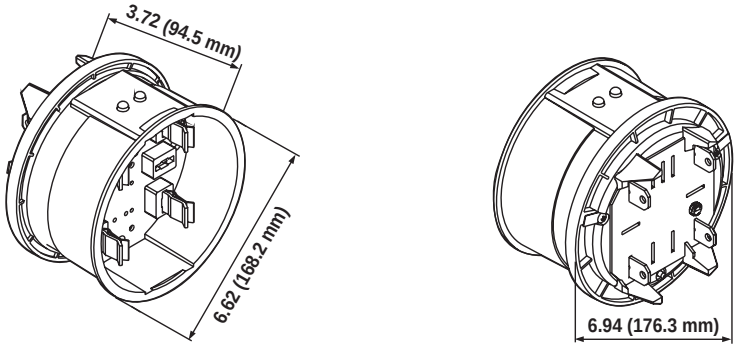
UL 1449
#E146315

CSA
#LR-94773

50240-MSA

DESCRIPTION	CATALOG NO.	DIAGNOSTICS
50240 & 50208 Series		
120/240, 200A-4 Jaw	50240-MSA	LED'S Only
120/240, 200A-4 Jaw	50240-ASA	LED'S & Audible Alarms (switchable)
120/240, 200A-5 Jaw	50240-FMA	LED'S Only
120/240, 200A-5 Jaw	50240-FAA	LED'S & Audible Alarms (switchable)
120/208, 200A-7 Jaw, 3Ø, 4-Wire	50208-ASA	LED'S & Audible Alarms (switchable)

CATALOG NO.	MCOV	UL 1449 (Second Ed.) IMPULSE 6kV/500A	MAX. SURGE CURRENT (Test w/ 8x20us wave)
50240 & 50208 Series			
50240-MSA	180V AC	L-G: 800V	L-G: 80kA
50240-ASA	180V AC	L-G: 800V	L-G: 80kA
50240-FMA	180V AC	L-G: 800V	L-G: 80kA
50240-FAA	180V AC	L-G: 800V	L-G: 80kA
50208-ASA	180V AC	L-G: 800V	L-G: 80kA



50240 & 50208 SERIES

Secondary Surge Arresters

LEVITON

55650 Series – For Industrial & Commercial Environments

10 YEAR LIMITED WARRANTY

55650 Series

SPECIFICATIONS & FEATURES
55650 SERIES

- Unit come with 18" pigtail wires.
- Constructed of high-impact, non-conductive, fiberglass-reinforced polycarbonate.
- Compact design for easy installation.

ENVIRONMENTAL

STORAGE TEMPERATURE
-20°C to 85°C

OPERATING TEMPERATURE
-10°C to 60°C

STANDARDS & CERTIFICATIONS

ANSI/IEEE Category C
C-62.11, C-62.41 & C-62.45

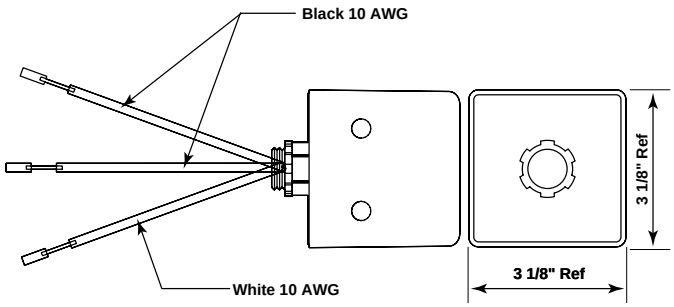
UL 1449
#E146315

CSA
#LR-94773

DESCRIPTION	CATALOG NO.	DIAGNOSTICS
55650 Series		
277/480V AC WYE, 480V AC Delta 347/600V AC WYE, 600V AC Delta	55650-ASA	LED'S & Audible Alarms

CATALOG NO.	MCOV	UL 1449 (Second Ed.) IMPULSE 6kV/500A	MAX. SURGE CURRENT (Test w/ 8x20us wave)
55650 Series			
55650-ASA	480V AC	L-N: 1500V	L-N: 100kA

* MOV's rated at 150V. UL assigns a derated MCOV of 132V for surge arrester applications.



55650 SERIES

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

10 YEAR LIMITED WARRANTY

51015, 51020 & 51240 Series – For Industrial Environments & OEM Applications

SPECIFICATIONS & FEATURES
51015, 51020 & 51240 SERIES

- Staged multi-component surge suppression circuitry provides clamping envelope that follows AC sine wave contour.
- DIN rail mounting versions available
- In addition to visual diagnostics, units provide an acoustic alert if surge protection is lost.
- Equipped with dry contact relays for remote monitoring.

ENVIRONMENTAL

STORAGE TEMPERATURE
-20°C to 85°C

OPERATING TEMPERATURE
-10°C to 60°C

STANDARDS & CERTIFICATIONS

ANSI/IEEE Categories A, B, & C
C-62.41 & C-62.45

UL 1449
#E146315

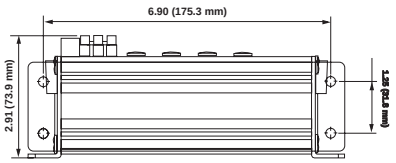
CSA
#LR-94773

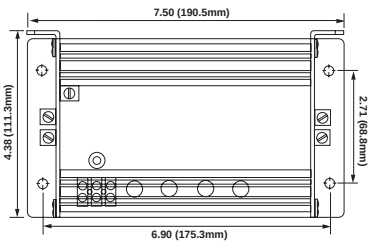
51020-DIN

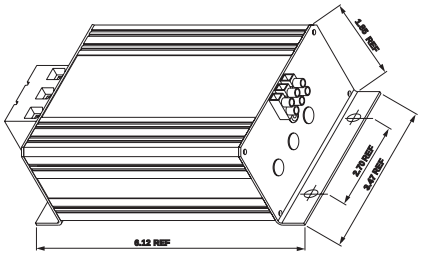
50120-WMT

DESCRIPTION	CATALOG NO.	RATING
51015, 51020 & 51240 Series		
Single-Phase, 3-Wire	51015-WM	120V AC 15A
Single-Phase, 3-Wire	51020-WM	120V AC 20A
Single-Phase, 3-Wire, DIN-Rail Mounting	51015-DIN	120V AC 15A
Single-Phase, 3-Wire, DIN-Rail Mounting	51020-DIN	120V AC 20A
Single-Phase, 3-Wire (For use in parallel connection)	51020-WMT	120V AC 20A
Single-Phase, 3-Wire	51240-WM	240V AC 20A
Single-Phase, 3-Wire, DIN-Rail Mounting	51240-DIN	240V AC 20A

CATALOG NO.	MCOV	UL 1449 (Second Ed.) IMPULSE 6kV/500A			MAX. SURGE CURRENT (Test w/ 8x20µs wave)	NOISE REJECTION
51015, 51020 & 51240 Series						
51015-WM	150V AC	L-N:330V	L-G: 330V	N-G: 400V	L-N: 52kA	20-30dB (@ 100-10MHz)
51020-WM	150V AC	L-N:330V	L-G: 330V	N-G: 400V	L-N: 52kA	20-30dB (@ 100-10MHz)
51015-DIN	150V AC	L-N:330V	L-G: 330V	N-G: 400V	L-N: 52kA	20-30dB (@ 100-10MHz)
51020-DIN	150V AC	L-N:330V	L-G: 330V	N-G: 400V	L-N: 52kA	20-30dB (@ 100-10MHz)
51020-WMT	150V AC	L-N:330V	L-G: 330V	N-G: 400V	L-N: 52kA	20-30dB (@ 100-10MHz)
51240-WM	270V AC	L-N:600V	L-G: 330V	N-G: 600V	L-N: 52kA	40-50dB (@ 5KHz-100MHz)
51240-DIN	270V AC	L-N:600V	L-G: 330V	N-G: 600V	L-N: 52kA	40-50dB (@ 5KHz-100MHz)







Surge Protection Modules

LEVITON

54175, 55175 & 55650 Series – For Industrial & Commercial Environments

10 YEAR LIMITED WARRANTY

51005-DIN

Rockwell Automation Encompass Product Partner

SPECIFICATIONS & FEATURES

51005 & 51010 SERIES

- Staged multi-component surge suppression circuitry provides clamping envelope that follows AC sine wave contour.
- DIN rail mounting versions available – Cat# 51005-DIN and 51010-DIN.
- 5&10 Amp Circuit Current Capacity
- Equipped with dry relay contacts for remote monitoring.

ENVIRONMENTAL

STORAGE TEMPERATURE
-20°C to 85°C

OPERATING TEMPERATURE
-10°C to 60°C

STANDARDS & CERTIFICATIONS

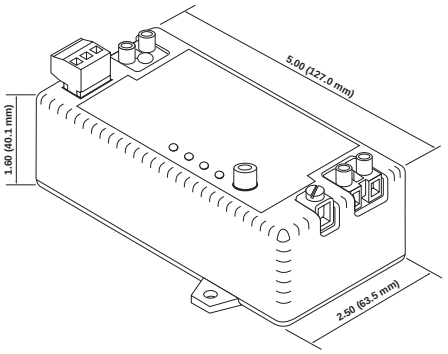
ANSI/IEEE Categories A, B, & C
C-62.41 & C-62.45

UL 1449 & 1283
#E146315

CSA
#LR-94773

DESCRIPTION	CATALOG NO.	RATING
51005 & 51010 Series		
Single-Phase, 3-Wire	51005-WM	120V AC 5A
Single-Phase, 3-Wire	51010-WM	120V AC 10A
Single-Phase, 3-Wire, DIN-Rail Mounting	51005-DIN	120V AC 5A
Single-Phase, 3-Wire, DIN-Rail Mounting	51010-DIN	120V AC 10A

CATALOG NO.	MCOV	UL 1449 (Second Ed.) IMPULSE 6kV/500A			MAX. SURGE CURRENT (Test w/ 8x20µs wave)	NOISE REJECTION
51005 & 51010 Series						
51005-WM	150V AC	L-N:400V	L-G: 400V	N-G: 400V	L-N: 26kA	20-40dB (@ 10K-100MHz)
51010-WM	150V AC	L-N:400V	L-G: 400V	N-G: 400V	L-N: 26kA	20-40dB (@ 10K-100MHz)
51005-DIN	150V AC	L-N:400V	L-G: 400V	N-G: 400V	L-N: 26kA	20-40dB (@ 10K-100MHz)
51010-DIN	150V AC	L-N:400V	L-G: 400V	N-G: 400V	L-N: 26kA	20-40dB (@ 10K-100MHz)



51005 & 51010 SERIES

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

Surge Protection Modules

3800 Series – For Industrial & Commercial Environments

10 YEAR LIMITED WARRANTY

SPECIFICATIONS & FEATURES
3800 SERIES

- MOV-based suppression circuitry provides optimum clamping.
- Provides Normal Mode protection for line-to-neutral,& common mode; line-to-ground, & neutral-to-ground
- Noise rejection @ 5kHz-5MHz: -35db
- Rated single-pulse transient energy (10x100µs, impulse): 280 Joules
- 3800-DIN, 3800-OWM: Terminal block accepts 22 AWG to 12 AWG conductors
- Consult factory on additional ratings on 3812, 3824, 3840 & 3848.

ENVIRONMENTAL

STORAGE TEMPERATURE
-20°C to 85°C

OPERATING TEMPERATURE
-10°C to 60°C

ELECTRICAL

3800: 120V AC (VRMS); 135V (MCOV)
3840: 240V AC (VRMS); 250V (MCOV)

STANDARDS & CERTIFICATIONS

ANSI/IEEE Categories A, B, & C
C-62.41 & C-62.45

UL1449
E146315 / DC-E175161

CSA
#LR-94773

3800-DIN

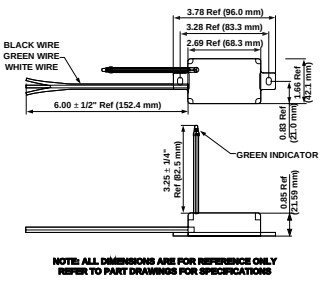
3800-OEM

3840-DIN

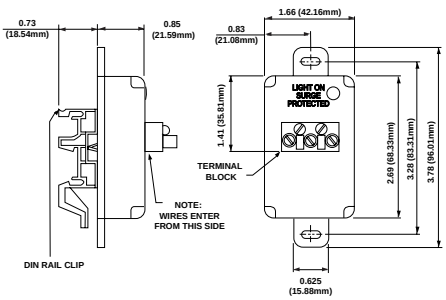
CLAMPING PERFORMANCE	3800	3840
UL Standard 1449 permanently-wired test (8x20µs, 3000A)	L-N: 500V Peak L-G: 500V Peak N-G: 500V Peak	L-N: 330V Peak L-G: 400V Peak N-G: 330V Peak

PERFORMANCE SPECIFICATION	3800	3840
Max. Single-Pulse Transient Current (8x20µs, Impulse)	L-N: 1300A L-G: 6500A N-G: 6500A	L-N: 1300A L-G: 6500A N-G: 6500A

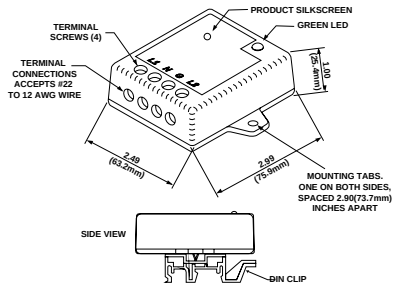
DESCRIPTION	CATALOG NO.	RATING
3800 Series		
For DIN-Rail Mounting, w/ Terminal Block	3800-DIN	120V AC
Terminal Block	3800-WM	120V AC
Pigtail Wire Leads	3800-OEM	120V AC
For DIN-Rail Mounting, w/ Terminal Block; 12V DC	3812-DIN	12V DC
Terminal Block; 12V DC	3812-WM	12V DC
Pigtail Wire Leads, 6” long; 12V DC	3812-OEM	12V DC
For DIN-Rail Mounting, with Terminal Block; 24V DC	3824-DIN	24V DC
Terminal Block, 24V DC	3824-WM	24V DC
Pigtail Wire Leads, 6” long; 24V DC	3824-OEM	24V DC
For DIN-Rail Mounting, with Terminal Block; 240V AC	3840-DIN	240V AC
Terminal Block, 240 V AC	3840-WM	240V AC
Pigtail Wire Leads, 6” long; 240V AC	3840-OEM	240V AC
For DIN-Rail Mounting, with Terminal Block; 48V DC	3848-DIN	48V DC
Terminal Block, 48V DC	3848-WM	48V DC
Pigtail Wire Leads, 6” long; 40V DC Leads, 6” long; 240V AC	3848-OEM	48V DC



3800-OEM



3800-DIN



3840-DIN

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

Low-Voltage Protection Modules

LEVITON

3400 & 3800 Series – For Factory Automation & Industrial Control

10 YEAR LIMITED WARRANTY

SPECIFICATIONS & FEATURES
3400 & 3800 SERIES

- Designed for mounting in standard equipment cabinets.
- For use on Allen Bradley & "Blue Hose" devices
- Two options for ground connection
- Low clamping voltage
- Withstands surges at programmable logic devices in harsh electromagnetic or geographic areas.
- Provide transient voltage surge suppression for a selection of programmable logic devices & other computer-related data network products.

ENVIRONMENTAL

STORAGE TEMPERATURE
3803-DHP, 3803-485, 3803-MOD, 3420-009, 3420-035
-40°C to 90°C
3803-SPX, 3803-CAN, 3860 Series
-20°C to 85°C

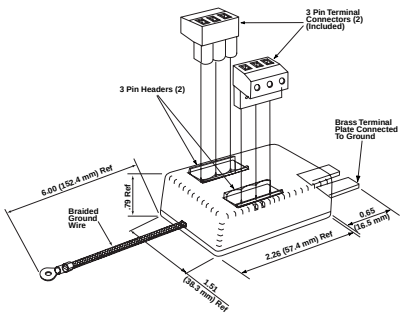
OPERATING TEMPERATURE
3803-DHP, 3803-485, 3803-MOD, 3420-009, 3420-035
-40°C to 60°C
3803-SPX, 3803-CAN, 3860 Series
-10°C to 85°C

STANDARDS & CERTIFICATIONS

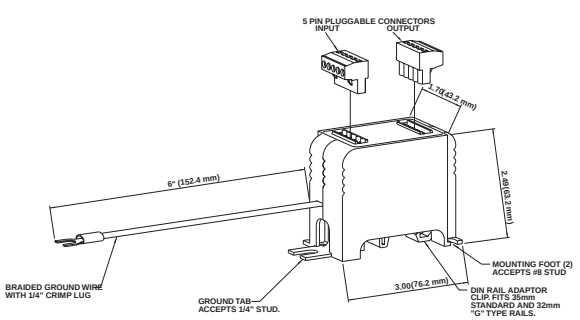
ANSI/IEEE C-62.41
UL 497B E175161
CSA #LR-94773
CE Approved

DESCRIPTION CONNECTOR/MOUNTING	CATALOG NO·	RATING	APPLICATION
3400 & 3800 Series			
3-Pin Header Connector, Surface Mount	3803-DHP*	9.6V DC	For programmable logic devices & other computer-related data network products operating on "Blue Hose" networks
6-Pin Header Connector, Surface Mount	3803-485*	9.6V DC	For programmable logic devices & other computer-related network products operating on Allen-Bradley DH-485 data networks
5-Pin Header Connector Surface & DIN-Rail Mount	3803-SPX	13.6V DC	For products operating on SERIPLEX control bus networks
DB-9 Connector, Surface & DIN-Rail Mount	3803-CAN	25V DC	For products operating on Honeywell control bus
3-Pin Header Connector, Surface Mount	3803-MOD	9.6V DC	For products operating on Modbus and Modbus Plus networks
3-Pin Header Connector, Surface Mount	3420-009*	9.6V DC	For products operating on 4-20ma Signal Loop networks, 9V DC
3-Pin Header Connector , Surface Mount	3420-035*	38.5V DC	For products operating on 4-20ma Signal Loop networks, 35V DC
4-Position Terminal Block Surface & DIN-Rail Mount	3860-GEF	100V DC	For products operating on GE Fanuc Control Bus networks
RJ-45 Connector, Surface & DIN-Rail Mount	3861-ETH	19.8V DC	For products operating on Ethernet PLC ports & CAT 3 networks
BNC Connector, Surface & DIN-Rail Mount	3862-CON	9.18V DC	For ControlNet networks
5-Pin Header Connector Surface & DIN-Rail Mount	3863-DEV	19.8V DC	For DeviceNet networks

*The Rockwell Automation Encompass Program references complementary products from third party manufacturers committed to providing quality products and services that enhance the Rockwell Automation Solution products and solve the industrial automation needs of mutual customers.



3803-DHP



3803-SPX

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

Surge Protection Receptacles

10 YEAR LIMITED WARRANTY

SPECIFICATIONS & FEATURES	ENVIRONMENTAL
	OPERATING TEMPERATURE
• Real time diagnostics via indicator light • Available with audible alarm. • Back and Side-Wired • Isolated ground versions • DIN-Rail mountable (model 3880) • UL 1449 2.5 Edition	-40°C to 60°C
	FLAMMABILITY
	Rated V-2 per UL 94

ELECTRICAL			STANDARDS & CERTIFICATIONS			
DIELECTRIC VOLTAGE	CURRENT INTERRUPTER	TEMPERATURE RISE	NEMA WD-6 & ANSI C-73	CSA - C22.2 No.42	NOM	UL 498HG
Withstands 2000V per UL 498	Full Rated Current	Max 30°C after 250 cycles of overload at 200% of rated current	Certified	#152105	#057	#E13399

RECEPTACLES	JOULES	UL 1449 (2nd Ed) IMPULSE 6kV/500A	MAX. SURGE CURRENT (test w/ 8x20µs wave)	NOISE REJECTION
All Single or IG	720	L-N: 400V	L-N: 24kA	-30dB @ 500K-30MHz

8380

8280-IGO

8281-IGI

5280

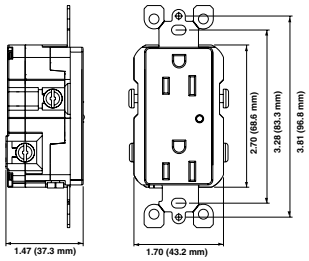
5380-IGB

7280-W

FACE COLOR	HOSP. GRADE SURGE, DUPLEX Indicator Light, Audible Alarm	HOSP. GRADE IG,SURGE, DUPLEX Indicator Light, Audible Alarm	HOSP. GRADE IG,SURGE, SINGLE Indicator Light, Audible Alarm	INDUSTRIAL SURGE, DUPLEX Indicator Light, Audible Alarm	INDUSTRIAL IG,SURGE, DUPLEX Indicator Light, Audible Alarm	INDUSTRIAL SURGE, DUPLEX Indicator Light	INDUSTRIAL IG,SURGE, DUPLEX Indicator Light
15A 125V NEMA 5-15R							
Brown	8280	–	–	7280	7280-IG	5280	5280-IG
Ivory	8280-I	8280-IGI	8281-IGI	7280-I	7280-IGI	5280-I	5280-IGI
White	8280-W	8280-IGW	8281-IGW	7280-W	7280-IGW	5280-W	5280-IGW
Gray	–	8280-IGG	–	7280-GY	7280-IGG		5280-IGG
Red	8280-R	–	–	–	–	–	–
Blue	8280-B	8280-IGB	–	7280-B	7280-IGB	5280-B	5280-IGB
Orange	–	8280-IGO	8281-IGO	–	7280-IGO	–	5280-IGO
Almond	8280-A	–	–	7280-A	–	5280-A	–

FACE COLOR	HOSP. GRADE SURGE, DUPLEX Indicator Light, Audible Alarm	HOSP. GRADE SURGE, SINGLE Indicator Light, Audible Alarm	HOSP. GRADE IG,SURGE, SINGLE Indicator Light, Audible Alarm	INDUST. GRADE IG,SURGE, SINGLE Indicator Light, Audible Alarm	INDUST. GRADE SURGE, DUPLEX Indicator Light, Audible Alarm	INDUST. GRADE SURGE, DUPLEX Indicator Light	INDUST. GRADE IG,SURGE, DUPLEX Indicator Light
20A 125V NEMA 5-20R							
Brown	8380	8381	–	–	7380	5380	5380-IG
Ivory	8380-I	8381-I	8380-IGI	8381-IGI	7380-I	5380-I	5380-IGI
White	8380-W	–	8380-IGW	8381-IGW	7380-W	5380-W	5380-IGW
Gray	8380-GY	8381-GY	8380-IGG	–	7380-GY	5380-GY	5380-IGG
Red	8380-R	–	8380-IGR	–	–	–	–
Blue	8380-B	–	8380-IGB	8381-IGB	7380-B	5380-B	5380-IGB
Orange	–	–	8380-IGO	8381-IGO	–	–	5380-IGO

FOR A COMPLETE LISTING OF ISOLATED GROUND RECEPTACLES SEE PAGE L20



Surge Receptacles

Surge Protection Receptacles

LEVITON

5480, 5490, 8480 & 8490 Series – Four-In-One

10 YEAR LIMITED WARRANTY

SPECIFICATIONS & FEATURES
5480,5490,8480 & 8490 SERIES

- Four-In-One Surge Receptacles.
- Hospital Grade and Industrial Grade.
- Isolated Ground available.
- Green LED provides visual confirmation of protection status.

ELECTRICAL

DIELECTRIC VOLTAGE
Withstands 2000V per UL 498
CURRENT INTERRUPTER
Full Rated Current
TEMPERATURE RISE
Max 30°C after 250 cycles of overload at 200% of rated current

ENVIRONMENTAL

OPERATING TEMPERATURE
-40°C to 60°C

FLAMMABILITY

Rated V-2 per UL 94

STANDARDS & CERTIFICATIONS

NEMA WD-6 & ANSI C-73
Certified

CSA - C22.2 No.42
#152105

NOM
#057

UL 498HG
#E13399

UL 498
#E13399

UL 1449
2.5 Edition

5490-BU

5480-IGI

8490-R

8490-IGG

FACE COLOR	INDUSTRIAL GRADE SURGE, 4-IN-1 Indicator Light	INDUSTRIAL GRADE IG, SURGE, 4-IN-1 Indicator Light	HOSPITAL GRADE SURGE, 4-IN-1 Indicator Light	HOSPITAL GRADE IG, SURGE, 4-IN-1 Indicator Light
15A 125V NEMA 5-15R				
Ivory	5480-I	–	8480-I	8480-IGI
White	5480-W	–	8480-W	8480-IGW
Gray	5480-GY	–	–	8480-IGG
Red	–	–	8480-R	–
Orange	–	5480-IG	–	8480-IG
Blue	5480-BU	–	–	8480-IGB
20A 125V NEMA 5-20R				
Ivory	5490-I	–	8490-I	8490-IGI
White	5490-W	–	8490-W	8490-IGW
Gray	5490-GY	–	–	8490-IGG
Red	–	–	8490-R	–
Orange	–	5490-IG	–	8490-IG
Blue	5490-BU	–	–	8490-IGB

Note: Surge 4-in-1 receptacles are not split-circuit capable – no "break-off" tab.

CATALOG NO.	JOULES	UL 1449 (2nd Ed) IMPULSE 6kV/500A	MAX. SURGE CURRENT (test w/ 8x20µs wave)	NOISE REJECTION
All Units	720	L-N: 330V	L-N: 24kA	-30dB @ 500K-30MHz

5480, 5490, 8480 & 8490 Series – Four-In-One

10 YEAR LIMITED WARRANTY

Four-In-One Adapter Plates

3254-E

PLATE COLOR	ADAPTER PLATE
Brown	3254
Ivory	3254-I
White	3254-W
Gray	3254-GY
Red	3254-R
Black	3254-E
Orange	3254-OR
Blue	3254-BLU

Four-In-One Portable Boxes

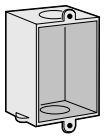
Accepts #16/3 AWG Type SJ to #12/3 AWG Type SO COPPER Only.

4254-Y

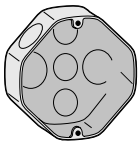
BOX COLOR	PORTABLE BOX
Ivory	4254-I
Gray	4254-GY
Black	4254-E
Orange	4254-OR
Blue	4254-BLU
Yellow	4254-Y

Portable boxes are not UL Listed.

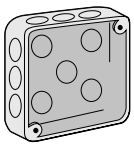
Mounts Directly



Single-Gang

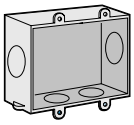


4" Octagon

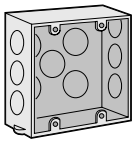


4" Square

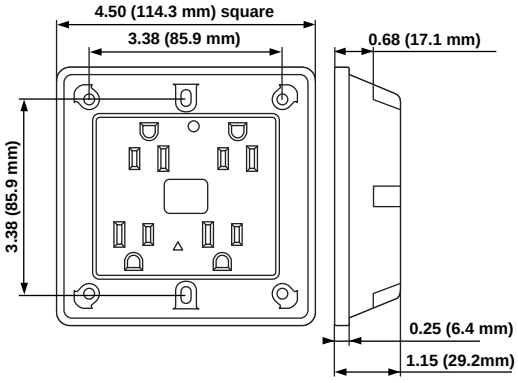
Mounts with Adapter Plate

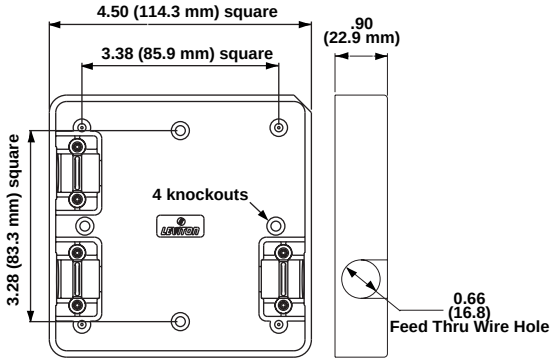


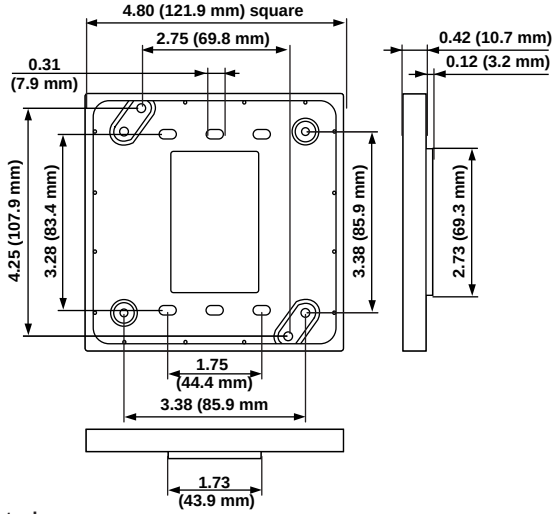
2-Gang



4 11/16" Square







Four-In-One Receptacles

DIN-Mounted Surge Receptacles

LEVITON

10 YEAR LIMITED WARRANTY

SPECIFICATIONS & FEATURES
3880-DIN & 3801-DIN

- Ideal for mounting in equipment cabinets where convenient plug-in surge protection is desired.
- Provides MOV-Based Normal Mode and Common Mode L-N, L-G, N-G protection
- Hospital Grade Receptacles ensure the best electrical connection of equipment
- Designed for use on 120V single-phase AC power sources
- Green LED goes off when surge protection is lost
- Audible alarm has an integral disable (quiet) switch
- Power continues to be provided to connected loads in the event of protection loss
- Module housing comes in black only

ENVIRONMENTAL

STORAGE TEMPERATURE
-20ºC to 85ºC

OPERATING TEMPERATURE
-10ºC to 60ºC

MECHANICAL

Terminal Block accepts #22-#12 AWG conductors.

STANDARDS & CERTIFICATIONS

ANSI/IEEE Categories A & B
C-62.41 & C-62.45

UL1449 E146315
CSA #LR-94773

3880-DIN

3880-DIN TOP VIEW

3880-DIN

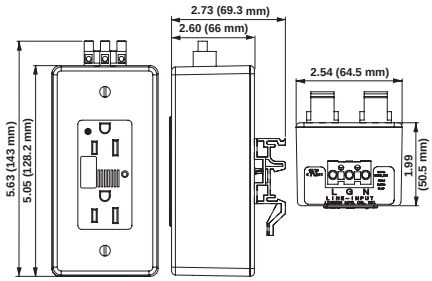
3801-DIN

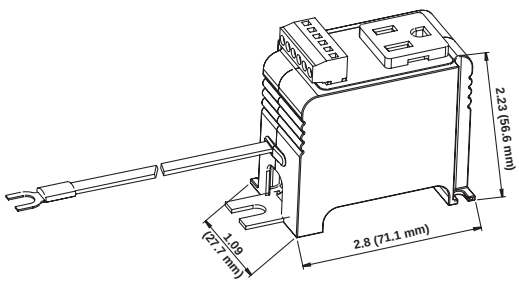
For additional DIN-Rail Mountable Receptacles, see page B24.

CATALOG NO.	RATED LINE VOLTAGE	DESCRIPTION
DIN-Rail Mountable Surge Protection Receptacles		
3880-DIN	120V Line Voltage	Hospital Grade Duplex Receptacle
3801-DIN	120V Line Voltage	Single Convenience Outlet

Clamping Performance
UL1449 SUPPRESSED VOLTAGE RATINGS (SVR) Assigned at 6" lead length with 6kV/500A impulse in accordance with UL1449 (2nd Ed.)
400/400/400Vpk

Performance Data					
OPERATING FREQUENCY	RATED LINE VOLTAGE	MAXIMUM CONTINUOUS OPERATING VOLTAGE (MCOV)	MAXIMUM SINGLE-PULSE TRANSIENT CURRENT (8x20µs, Amps peak)	RATED SINGLE-PULSE TRANSIENT ENERGY (10x1000µs, Joules)	EMI-RFI NOISE REJECTION @ 50 Ohms 5kHz - 5MHz
50, 60Hz	120V	150V rms	24kA (L-N), 12kA (L-G),12kA (N-G)	320 Joules	-35dB





5300 Series – 15A 120V AC Plug-In Devices

LEVITON LIFETIME LIMITED DOWNLINE WARRANTY

5300-HTS

SPECIFICATIONS & FEATURES
5300 SERIES

- Clamping profile tightly tracks AC sine wave.
- Six protected outlets with ON/OFF switch.
- Resettable circuit breaker and internal fusing.
- Equipped with a 6-foot 14-3 AWG power cord.

ENVIRONMENTAL

STORAGE TEMPERATURE
-35ºC to 60ºC

OPERATING TEMPERATURE
-10ºC to 60ºC

STANDARDS & CERTIFICATIONS

ANSI/IEEE Categories A & B
C-62.41 & C-62.45

UL 1449 2.5 Edition
#E146315

CSA
#LR-94773

DESCRIPTION	CATALOG NO.	APPLICATION
	5300 Series	
6-Outlet w/ Switch, Beige, 6' Cord	5300-PS	Data-Sensitive Operations
6-Outlet w/ Switch, Beige, 6' Cord	5300-PST	Telephone/Modem Line Protection
6-HG, Tamper-Resistant 15A Outlets w/o Switch, Beige, Steel Enclosure, 6' Cord	5300-HTS Transparent Plug	Continues to supply power to load if protection is lost
6-HG, Tamper-Resistant 20A Outlets w/o Switch, Beige, Steel Enclosure, 6' Cord	5300-HT2 Transparent Plug	Continues to supply power to load if protection is lost
6-Outlet w/ ON/OFF Switch, Beige, 6' Cord, Metal Enclosure	5300-IPS	Rugged Aluminum Housing for use in rough environments

CATALOG NO.	JOULES	UL 1449 2.5 Edition IMPULSE 6kV/500A	MAX.SURGE CURRENT (test w/ 8x20µs wave)	NOISE REJECTION (@100K-100MHZ)	LOW VOLTAGE CLAMPING (UL 497A/B or UL 452)
		5300 Series			
5300-PS	1620	L-N: 330V	L-N: 24kA	-20 to -40 dB	–
5300-PST	1620	L-N: 330V	L-N: 24kA	-20 to -40 dB	270V
5300-HTS	1080	L-N: 400V	L-N: 51kA	-20 to -40 dB	–
5300-HT2	1080	L-N: 400V	L-N: 51kA	-20 to -40 dB	–
5300-IPS	1440	L-N: 330V	L-N: 84kA	-20 to -40 dB	–

Surge Strips

5100, 5200, S1000 & S2000 Series

LEVITON

LEVITON LIFETIME LIMITED DOWNLINE WARRANTY

SPECIFICATIONS & FEATURES

- All mode protection with clamping profile that tightly tracks AC sine wave.
- Protected outlets.
- Resettable circuit breaker and internal fusing.
- 6-foot, 14-3 AWG power cord and can be wall mounted.

ENVIRONMENTAL

STORAGE TEMPERATURE
-35ºC to 60ºC

OPERATING TEMPERATURE
0ºC to 40ºC

STANDARDS & CERTIFICATIONS

ANSI/IEEE Categories A & B
C-62.41 & C-62.45

UL 1449, 1363, 1283
#E146315

CSA
#LR-94773

5100-IPS

S1000-PS

S2000-PS

DESCRIPTION	CATALOG NO.	APPLICATION
5100, 5200, S1000, S2000 Series		
4-Outlet, General Duty, 15A 125V AC, Beige, Metal Enclosure, 6' Cord	5100-P	Compatible w/ UPS and SPS Systems
6-Outlet, General Duty, 15A 120V AC, Beige, Metal Enclosure, 6' Cord	5100-IPS	Compatible w/ UPS and SPS Systems
6-Outlet, General Duty, 20A 125V AC, Beige, Metal Enclosure, 6' Cord	5100-IS2	Compatible w/ UPS and SPS Systems
6-Outlet, Heavy Duty, 15A 125V AC, w/ON/OFF Switch, Beige, Metal Enclosure, 15' Cord	5200-PS	For Micro Processor Based Equipment
6-Outlet, Heavy Duty, 15A 125V AC, w/ON/OFF Switch, Beige, Metal Enclosure, 15' Cord	5200-S15	For Micro Processor Based Equipment
6-Outlet, General Duty, 15A 120V, Beige, Plastic Enclosure, 6' Cord	S1000-PS	General Purpose, Office
6-Outlet, Coax & RJ-11Telco, General Duty, 15A 120V, Beige, Plastic Enclosure, 6' Cord	S1000-PTC	General Purpose, Office, Velcro Mounting Strips included
9-Outlet, General Duty, 15A 120V, Beige, Plastic Enclosure, 6' Cord	S2000-PS	General Purpose, Office
9-Outlet, Coax & RJ-45Telco, General Duty, 15A, 120V, Beige, Plastic Enclosure, 6' Cord	S2000-PTC	General Purpose, Office, Velcro Mounting Strips included

CATALOG NO.	JOULES	UL 1449 (2.5 Edition) IMPULSE 6kV/500A	MAX.SURGE CURRENT (test w/ 8x20µs wave)	NOISE REJECTION (@1MHZ-100MHZ)
5100-P	720	L-N: 400V	L-N: 24kA	-10 to -40 dB
5100-IPS	900	L-N: 400V	L-N: 45kA	-10 to -40 dB
5100-IS2	900	L-N: 400V	L-N: 45kA	-10 to -40 dB
5200-PS	900	L-N: 330V	L-N: 24kA	-10 to -40 dB
5200-S15	900	L-N: 330V	L-N: 24kA	-10 to -40 dB
S1000-PS	1010	L-N: 400V	L-N: 25kA	-10 to -40 dB
S1000-PTC	1010	L-N: 400V	L-N: 25kA	-10 to -40 dB
S2000-PS	2020	L-N: 400V	L-N: 67.5kA	-10 to -40 dB
S2000-PTC	2020	L-N: 400V	L-N: 67.5kA	-10 to -40 dB

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

15A 125V & 250V;20A 125V & 250V Isolated Ground Receptacles

2 YEAR LIMITED WARRANTY

NEMA 5-15R NEMA 5-20R NEMA 6-15R NEMA 6-20R

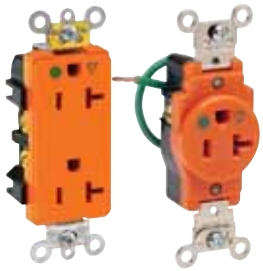
Back and Side Wired

For Detailed Specifications and Drawing Information, Refer to Section B.

8200-IGB

1254-IGW

Split Circuit Not Available
8490-IGG


16362-IG 8310-IG

8280-IG

8281-IGI

FACE COLOR	HOSP. GRADE IG,DUPLEX NARROW BODY	HOSP. GRADE IG,4-IN-1	HOSP. GRADE IG,4-IN-1 SURGE	HOSP. GRADE IG,DUPLEX	HOSP. GRADE IG,SINGLE GRADE w/ 6" Leads	HOSP. GRADE IG,SURGE,DUPLEX Indicator Light Audible Alarm	HOSP. GRADE IG,SURGE,SINGLE Indicator Light Audible Alarm
		UL Fed Spec WC-596 Does Not Apply To 4-in-1 Receptacles					
15A 125V, NEMA 5-15R, 2-P 3-W, Grounding							
Brown	8200-IGB	–	–	–	–	–	–
Ivory	8200-IGI	1254-IGI	8480-IGI	16262-IGI	–	8280-IGI	8281-IGI
White	8200-IGW	1254-IGW	8480-IGW	16262-IGW	–	8280-IGW	8281-IGW
Gray	8200-IGG	–	8480-IGG	16262-IGG	–	8280-IGG	–
Red	8200-IGR	–	–	16262-IGR	–	–	–
Orange	8200-IG	1254-IG	8480-IG	16262-IG	8210-IG	8280-IGO	8281-IGO
Blue	–	–	8480-IGB	16262-IGB	–	8280-IGB	–
Almond	–	–	–	–	–	8280-IGA	8281-IGA
20A 125V, NEMA 5-20R, 2-P 3-W, Grounding							
Brown	8300-IGB	–	–	–	–	–	–
Ivory	8300-IGI	21254-IGI	8490-IGI	16362-IGI	–	8380-IGI	8381-IGI
White	8300-IGW	21254-IGW	8490-IGW	16362-IGW	–	8380-IGW	8381-IGW
Gray	8300-IGG	–	8490-IGG	16362-IGG	–	8380-IGG	–
Red	8300-IGR	–	–	16362-IGR	–	8380-IGR	–
Orange	8300-IG	21254-IG	8490-IG	16362-IG	8310-IG	8380-IGO	8381-IGO
Blue	–	–	8490-IGB	16362-IGB	–	8380-IGB	8381-IGB

8200-LIG

7280-IGO

5362-IG

5380-IGB

Split Circuit Not Available
5480-IGI

FACE COLOR	HOSP. GRADE ORANGE IG,DUPLEX SLIM BODY w/ 6" Leads	INDUST. GRADE IG,SURGE,DUPLEX Indicator Light Audible Alarm	IG,DUPLEX SLIM BODY Steel Strap 8-Hole Feed-Thru	INDUST. GRADE IG,SURGE,DUPLEX Indicator Light	INDUST. GRADE IG,4-IN-1,SURGE, Indicator Light UL Fed Spec WC-596 Does Not Apply To 4-in-1 Receptacles
15A 125V, NEMA 5-15R, 2-P 3-W, Grounding					
Brown	–	7280-IG	5262-IGB	–	–
Ivory	–	7280-IGI	5262-IGI	5280-IGI	–
White	–	7280-IGW	5262-IGW	5280-IGW	–
Gray	–	7280-IGG	5262-IGG	5280-IGG	–
Red	–	–	5262-IGR	–	–
Orange	8200-LIG	7280-IGO	5262-IG	5280-IGO	5480-IG
Blue	–	7280-IGB	–	5280-IGB	–
Almond	–	–	–	5280-IGA	–
15A 250V, NEMA 6-15R, 2-P 3-W, Grounding					
Orange	–	–	5662-IG	–	–
20A 125V, NEMA 5-20R, 2-P 3-W, Grounding					
Brown	–	7380-IG	5362-IGB	–	–
Ivory	–	7380-IGI	5362-IGI	5380-IGI	–
White	–	7380-IGW	5362-IGW	5380-IGW	–
Gray	–	7380-IGG	5362-IGG	5380-IGG	–
Red	–	–	–	–	
Orange	8300-LIG	7380-IGO	5362-IG	5380-IGO	5490-IG
Blue	–	7380-IGB	5380-IGB	5490-IGB	
Almond	–	–	–	5362-IGA	–
20A 250V, NEMA 6-20R, 2-P 3-W, Grounding					
Orange	–	–	5462-IG	–	–

Power Distribution Units

SWITCHED SERIES

LEVITON

LEVITON LIFETIME LIMITED DOWNLINE WARRANTY

Leviton's Switched PDU's provide the solution to many power management problems common in IT environments, including unauthorized use of power outlets, equipment lock-up, in-rush current, overloaded circuits, and the need for remote access to power outlets.

The extensive feature set includes individual outlet control which allows users to turn outlets on and off or recycle power and reboot connected equipment. The power sequence feature controls the interval in which equipment is powered up to minimize in-rush current. Aggregate current draw can be monitored remotely or locally via digital display. Switched Power Distribution Units can be accessed, configured, and controlled via Telnet/SSH, HTTP/SSL, Serial Ports, and SNMP.

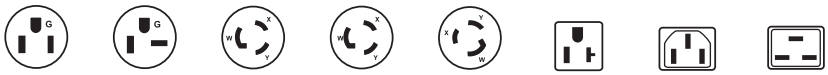
SPECIFICATIONS & FEATURES
• LED display provides visible warning when current draw is close to maximum capacity thus avoiding circuit overload • True RMS current monitoring prevents overloads in high-density computing environments • Meets the UL 60950-1 requirements for branch circuit protection • Included mounting hardware allows attachment to most common cabinets and racks • Available in vertical zero-U or horizontal rack-mount styles • Available in 120V or 208V options • A wide variety of input and output options ensures the flexibility to adapt to varying power requirements • 3-Year Limited Product Warranty compliant & ISO 9001 Certified.
STANDARDS & CERTIFICATIONS
UL 60950-1 LISTED

A, B

C

D

2 YEAR LIMITED WARRANTY



5-15P 120V | 5-20P 120V | L5-20P 120V | L5-30P 120V | L6-30P 208V | 5-20R 120V | C13 120/208V | C19 120V

SWITCHED VERTICAL POWER DISTRIBUTION UNITS (PDU'S)							
PART NO.	INPUT			OUTPUT			DIMENSIONS
	Voltage	Amps	Input Cord Type, Length & Plug	Voltage	Receptacle Type	Receptacle Quantity	
[A] SV161-1D1	120V	20A	Modular cord; see "Accessories" below	120V	5-20R	16	44.4"L x 1.75"W x 2.25"D
SV161-1B1	120V	30A	Hardwired; 10' w/L5-30P plug	120V	5-20R	16	44.4"L x 1.75"W x 2.25"D
[B] SV162-1C2	208V	30A	Hardwired; 10' w/ L6-30P plug	208V	C13	16	49.5"L x 1.75"W x 2.25"D
SWITCHED horizontal POWER DISTRIBUTION UNITS (PDU'S)							
PART NO.	INPUT			OUTPUT			DIMENSIONS
	Voltage	Amps	Input Cord Type, Length & Plug	Voltage	Receptacle Type	Receptacle Quantity	
[C] SH081-1D1	120V	20A	Modular cord; see "Accessories" below	120V	5-20R	8	1.75"H x 17"W x 7"D
SH081-1B1	208V	30A	Hardwired; 10' w/L5-30P plug	120V	5-20R	8	1.75"H x 17"W x 7"D
[D] SH082-1C2	208V	30A	Hardwired; 10' w/L6-30P plug	208V	C13	8	1.75"H x 17"W x 7"D

* 120V/20A PDU's need a Modular Power Cord as shown in "Accessories" below. Other configurations available on request

Each Switched PDU allows for environmental monitoring via an optional probe (available separately) designed to monitor temperature and relative humidity. Each 30 Amp PDU includes a hardwired power input cord. Power cords for 20 Amp PDU's are sold separately.

E

F

ACCESSORIES	
PART NO.	DESCRIPTION
[E] PCORD-G10	Modular Power Cord, C19 to 5-15P, 10 ft.
PCORD-A10	Modular Power Cord, C19 to 5-20P, 10 ft.
PCORD-H10	Modular Power Cord, C19 to L5-20P, 10 ft.
[F] TCORD-010	Temperature & Relative Humidity Probe, 10 ft.

Power Distribution Units

LEVITON

METERED SERIES

2 YEAR LIMITED WARRANTY

Leviton's Metered PDU's provide the reliable power distribution required for high-demand applications. High-reliability designs, high-performance components, and quality manufacturing result in a robust product suitable for critical 24/7 environments. LED display provides input current monitoring for connected equipment, assuring optimal use of available amperage.

Metered Power Distribution Units are available in 120V or 208V with 20 and 30-Amp configurations. Choose space-saving vertical (zero-U) or horizontal (rack-mount) styles with a variety of input and output plug types.

SPECIFICATIONS & FEATURES
• LED display provides visible warning when current draw is close to maximum capacity thus avoiding circuit overload • True RMS current monitoring prevents overloads in high-density computing environments • Meets the UL 60950-1 requirements for branch circuit protection • Included mounting hardware allows attachment to most common cabinets and racks • Available in vertical zero-U or horizontal rack-mount styles • Available in 120V or 208V options • A wide variety of input and output options ensures the flexibility to adapt to varying power requirements • 3-Year Limited Product Warranty
STANDARDS & CERTIFICATIONS
UL 60950-1 LISTED

C

D

A, B

2 YEAR LIMITED WARRANTY

5-15P 120V | 5-20P 120V | L5-20P 120V | L5-30P 120V | L6-30P 208V | L21-20P 120/208V | 5-20R 120V | C13 120/208V | C19 120V

METERED VERTICAL POWER DISTRIBUTION UNITS (PDU'S)							
PART NO.	INPUT			OUTPUT			DIMENSIONS
	Voltage	Amps	Input Cord Type, Length & Plug	Voltage	Receptacle Type	Receptacle Quantity	
[A] MV121-1D1	120V	20A	Modular cord; see "Accessories" below	120V	5-20R	12	31.25"L x 1.75W" x 2.25"D
MV121-1B1	120V	30A	Hardwired; 10' w/L5-30P plug	120V	5-20R	12	31.25"L x 1.75"W x 2.25"D
MV241-1D1	120V	20A	Modular cord; see "Accessories" below	120V	5-20R	24	54.0"L x 1.75"W x 2.25"D
[B] MV241-1B1	120V	30A	Hardwired; 10' w/L5-30P plug	120V	5-20R	24	54.0"L x 1.75"W x 2.25"D
MV122-1C2	208V	30A	Hardwired; 10' w/L6-30P plug	120V	C13	12	31.25"L x 1.75"W x 2.25"D
MV242-1C2	208V	30A	Hardwired; 10' w/L6-30P plug	120V	C13	24	54.0"L x 1.75"W x 2.25"D
MV213-1E2	120/208V 3Phase	20A	Hardwired; 10' w/L21-20P plug	120V	C13	21	45"L x 1.75"W x 2.25"D
METERED HORIZONTAL POWER DISTRIBUTION UNITS (PDU'S)							
PART NO.	INPUT			OUTPUT			DIMENSIONS
	Voltage	Amps	Input Cord Type, Length & Plug	Voltage	Receptacle Type	Receptacle Quantity	
[C] MH101-1D1	120V	20A	Modular cord; see "Accessories" below	120V	5-20R	10	1.75"H x 17.5"W x 5"D
MH101-1B1	120V	30A	Hardwired; 10' w/L5-30P plug	120V	5-20R	10	1.75"H x 17.5"W x 5"D
[D] MH122-1C2	208V	30A	Hardwired; 10' w/L6-30P plug	208V	C13	12	1.75"H x 17.5"W x 5"D

* 120V/20A PDU's need a Modular Power Cord as shown in "Accessories" below. Other configurations available on request

A hardwired power input cord is provided with all 30-amp PDU's. Power cords for 20 Amp PDU's, available in multiple configurations to suit a variety of application environments, are sold separately

E

ACCESSORIES	
PART NO.	DESCRIPTION
[E] PCORD-G10	Modular Power Cord, C19 to 5-15P, 10 ft.
PCORD-A10	Modular Power Cord, C19 to 5-20P, 10 ft.
PCORD-H10	Modular Power Cord, C19 to L5-20P, 10 ft.

Power Distribution Units

LEVITON

P1000 SERIES

2 YEAR LIMITED WARRANTY

Leviton's P1000 Series Rack PDUs are designed for data centers, wiring closets, and other environments that require "always on" power. The robust, compact design ensures that these products can be used wherever reliability and density are important. All models feature robust construction with 18AWG cold-rolled steel enclosures; LED indicators for power, grounding/polarity, and surge (if applicable); hardwired power input cords; and circuit breaker protection to prevent current overloads. Horizontal (rack-mount) and vertical (zero-U) styles are available.

For reliable protection from damaging electrical power surges and transients, Leviton offers the P107X Series Rack Power Distribution Units with Surge Protection. P107X PDU's with Surge Protection are available in either 15 or 20 amp versions and in a variety of configurations. The P1000 product line complements and augments Leviton's line of 4505 and 5500 series rack-mounted power/surge strips as well as our Switched and Metered PDU's.

SPECIFICATIONS & FEATURES
• Available in vertical zero-U or horizontal rack-mount styles • Available in 120V or 208V options • LED indicators for power, grounding/polarity, and surge • All models feature circuit breaker protection to prevent current overloads • Surge protected models available • 208V PDU's come with 2-pole circuit breakers for added safety • UL 489 rated circuit breakers are supplied on all 30A models • Robust construction with 18AWG cold-rolled steel enclosure construction powder coated black • Lifetime Limited Connected Equipment Warranty (P1070 Series only) • 3-Year Limited Product Warranty
STANDARDS & CERTIFICATIONS
UL 60950-1 | #E228302UL 1449 ED. 2.5 #E228302 (P1070 SERIES ONLY)

D

E

A, B, C

2 YEAR LIMITED WARRANTY

5-15P 120V

5-20P 120V

L5-20P 120V

L6-20P 208V

L5-30P 120V

L6-30P 208V

5-15R 120V

5-20R 120V

C13 120/208V

PART NO.	INPUT			OUTPUT				DIMENSIONS
	Voltage	Cord Length	Cord Plug Type	Voltage	Max Current Draw (Amps)	Receptacle Type	Receptacle Quantity	
UNMETERED VERTICAL POWER DISTRIBUTION UNITS (PDU'S), SINGLE-INPUT								
P1040-10S	120V	10ft	5-15P	120V	15A	5-15R	16	30"L x 1.8"W x 1.75"D
[A] P1041-10S	120V	10ft	5-20P	120V	20A	5-20R	16	30"L x 1.8"W x 1.75"D
P1042-10L	120V	10ft	L5-20P	120V	20A	5-20R	16	30"L x 1.8"W x 1.75"D
P1043-10S	120V	10ft	5-20P	120V	20A	5-20R	24	48"L x 1.8"W x 1.75"D
[B] P1044-10L	120V	10ft	L5-20P	120V	20A	5-20R	24	48"L x 1.8"W x 1.75"D
P1045-10L	120V	10ft	L5-30P	120V	30A	5-20R	24	48"L x 1.8"W x 1.75"D
P1046-10L	208V	10ft	L6-20P	208V	20A	C13	24	48"L x 2.19"W x 2"D
[C] P1047-10L	208V	10ft	L6-30P	208V	30A	C13	24	48"L x 2.19"W x 2"D
UNMETERED HORIZONTAL POWER DISTRIBUTION UNITS (PDU'S), SINGLE-INPUT								
P1020-12S	120V	12ft	5-15P	120V	15A	5-15R	10	1.75"H x 17.5"W x 4.5"D
[D] P1021-12S	120V	12ft	5-20P	120V	20A	5-20R	10	1.75"H x 17.5"W x 4.5"D
P1022-12L	120V	12ft	L5-20P	120V	20A	5-20R	10	1.75"H x 17.5"W x 4.5"D
P1023-12L	120V	12ft	L5-30P	120V	30A	5-20R	10	1.75"H x 17.5"W x 4.5"D
P1024-12L	208V	12ft	L6-20P	208V	20A	C13	12	1.75"H x 17.5"W x 4.5"D
[E] P1025-12L	208V	12ft	L6-30P	208V	30A	C13	12	1.75"H x 17.5"W x 4.5"D
surge protected vertical POWER DISTRIBUTION UNITS (PDU'S), SINGLE-INPUT								
P1070-10S*	120V	10ft	5-15P	120V	15A	5-15R	16	30"L x 2.19"W x 1.73"D
P1071-10S*	120V	10ft	5-20P	120V	20A	5-20R	16	30"L x 2.19"W x 1.73"D
P1072-10L*	120V	10ft	L5-20P	120V	20A	5-20R	16	30"L x 2.19"W x 1.73"D
P1073-10S*	120V	10ft	5-20P	120V	20A	5-20R	24	48"L x 2.19"W x 1.73"D
P1074-10L*	120V	10ft	L5-20P	120V	20A	5-20R	24	48"L x 2.19"W x 1.73"D

Note: All P1000 Series PDU's have hardwired cords.* Call for availability

Power Distribution Units

4505 Series

L5-20P 120V

5-20R 120V

2 YEAR LIMITED WARRANTY

Excellent for rack-mount applications in data centers and wiring closets, Leviton's 4505 Series Power Distribution Units (PDU's) provide you with the robust but economical solutions you need to power your vital electronic equipment. 4505 Series PDU's distribute power without surge protection, offering flexibility and economy for use in diverse applications.

SPECIFICATIONS & FEATURES

- Mounts horizontally on 19" racks or cabinets to provide robust power distribution
- Resettable circuit breaker protects against overloading
- Most models available with locking plug
- 10 rear-facing receptacles
- 10-Year Limited Product Warranty
- Physical Dimensions: 1.71" x 19" x 4.55" (HxWxD)

STANDARDS & CERTIFICATIONS

UL 1363 | #E118936

[Front View] A

[Rear View]

4505 SERIES RACK MOUNT POWER DISTRIBUTION UNITS

PART NO.	FOOTPRINT	On/Off Switch		INPUT				OUTPUT		
		Yes	No	Input Voltage	Amps	Input Plug	Cord Length	Output Voltage	Receptacle Type	Receptacle Quantity
4505-20L	Horizontal / RackMnt		•	120V	20A	L5-20P	7ft	120V	5-20R	10
[A] 4505-20T	Horizontal / RackMnt		•	120V	20A	L5-20P	10ft	120V	5-20R	10
4505-20F	Horizontal / RackMnt		•	120V	20A	L5-20P	15ft	120V	5-20R	10

Power Distribution Units

5500 & 5505 Series

2 YEAR LIMITED WARRANTY

Leviton's 5500/5505 Series Power Distribution Units (PDU's) help you power and protect your vital electronic equipment. Similar to 4505 Series but with the added assurance of surge protection, these PDU's also work well in data centers and wiring closets.

Rockwell Automation Encompass Product Partner

B

C

SPECIFICATIONS & FEATURES

- Mounts horizontally on 19" racks or cabinets
- 12 receptacles – 10 in back, 2 in front
- Available with easy-access ON/OFF rocker style switch, or without switch to avoid unnecessary equipment switching
- Resettable circuit breaker protects against overloading
- Most models available with locking plug
- 10-Year Limited Product Warranty / Lifetime Limited Connected Equipment Warranty

SURGE PROTECTION 5500 SERIES

- Peak Surge Current: 52kA
- Clamping Voltage: 330V
- EMI/RFI @ 100KHz to 30MHZ = -10 to - 35dB
- Joule Rating: 1440
- Physical Dimensions: 1.71" x 19" x 4.55" (HxWxD)

SURGE PROTECTION 5505 SERIES

- Peak Surge Current: 30kA
- Clamping Voltage: 400V
- EMI/RFI @ 100KHz to 30MHZ = -5 to - 40dB
- Joule Rating: 540
- Physical Dimensions: 1.71" x 19" x 2.56" (HxWxD)

STANDARDS & CERTIFICATIONS

UL 1449 ED. 2.5 | #E1118936

5500/5505 Series RACK MOUNT POWER DISTRIBUTION UNITS WITH SURGE PROTECTION

PART NO.	FOOTPRINT	On/Off Switch		INPUT				OUTPUT		
		Yes	No	Input Voltage	Amps	Input Plug	Cord Length	Output Voltage	Receptacle Type	Receptacle Quantity
[B] 5500-190	Horizontal / RackMnt	•		120V	15A	L5-15P	12ft	120V	5-15R	12
5500-192*	Horizontal / RackMnt	•		120V	20A	L5-20P	12ft	120V	5-20R	12
5500-20L	Horizontal / RackMnt	•		120V	20A	L5-20P	12ft	120V	5-20R	12
5500-15N	Horizontal / RackMnt		•	120V	15A	5-15P	12ft	120V	5-15R	12
[C] 5500-20N	Horizontal / RackMnt		•	120V	20A	5-20P	12ft	120V	5-20R	12
5500-2NL	Horizontal / RackMnt		•	120V	20A	L5-20P	12ft	120V	5-20R	12
5505-190	Horizontal / RackMnt	•		120V	15A	5-15P	12ft	120V	5-15R	12

*The Rockwell Automation Encompass Program references complementary products from third party manufacturers committed to providing quality products and services that enhance the Rockwell Automation Solution products and solve the industrial automation needs of mutual customers.

UNINTERRUPTIBLE POWER SUPPLIES

LEVITON

STRIP SERIES

2 YEAR LIMITED WARRANTY

Best value battery backup and protection for business computers. Each Strip Series UPS provides 6 outlets, (3 with battery backup and surge protection, and 3 with surge protection only). Standby Simulates Sine Wave protection provides an economical solution for point-of-use applications such as computers and peripherals, smaller telecommunications systems, and home entertainment systems.

SPECIFICATIONS & FEATURES

- Standby (or “Offline”) technology provides cost-effective battery backup
- Output voltage: 120VAC +/- 10%
- Advanced Battery Management (ABM) extends battery life by up to 50%
- Included software provides monitoring and control capability
- AC Surge Protection and Noise Filtering
- User-replaceable, sealed, maintenance-free lead acid batteries
- 2-Year Limited Product Warranty / 2-Year Limited Connected Equipment Warranty

STANDARDS & CERTIFICATIONS

UL 1778 & cUL LISTED | #195168
FCC COMPLIANT

A

[Side View]

STRIP SERIES UNINTERRUPTABLE POWER SUPPLIES								
PART NO.	UPS TOPOLOGY	OUTPUT WAVEFORM	INPUT CORD LENGTH / TYPE	OUTPUT CAPACITY	FOOTPRINT	OUTPUT QTY & TYPE	TYPICAL BACK-UP TIME	
							Full Load	Half Load
[A] U0320-SKO	Standby	Simulated Sine Wave	6ft w/ NEMA 5-15P	320VA / 192W	Strip	(6) 5-15R	3 Min	9 Min
U0520-SKO	Standby	Simulated Sine Wave	6ft w/ NEMA 5-15P	520VA / 312W	Strip	(6) 5-15R	3 Min	12 Min

UNINTERRUPTIBLE POWER SUPPLIES

PRO SERIES

2 YEAR LIMITED WARRANTY

Performance battery backup and protection units for business computers. The Pro Series Line Interactive, Simulated Sine Wave technology provides mitigation for sags and swells in power quality without relying on transfer to backup power. Provides AC and data/ communication line surge protection. " Cold Start" mode allows the UPS to be used as a short-term emergency power source. Tower, desktop, and rack-mount options available.

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SPECIFICATIONS & FEATURES

- Line-Interactive technology provides rapid transfer time (<4ms) and voltage regulation for minor sags and swells
- Simulated sine-wave output
- Selectable output voltage: 100V, 110V, 115V, 120V or 127V
- Advanced Battery Management (ABM) extends battery life by up to 50%
- Include software provides monitoring and control capability
- Energy-saving sleep mode reduces power consumption
- AC Surge Protection and Noise Filtering
- User-replaceable, sealed, maintenance-free lead acid batteries
- 6ft cord w/ NEMA 5-15P
- 2-Year Limited Product Warranty / 2-Year Limited Connected Equipment Warranty

STANDARDS & CERTIFICATIONS

UL 1778 & cUL LISTED | #195168
FCC COMPLIANT

PRO SERIES UNINTERRUPTABLE POWER SUPPLIES

PART NO.	UPS TOPOLOGY	OUTPUT WAVEFORM	INPUT CORD LENGTH / TYPE	OUTPUT CAPACITY	FOOTPRINT	OUTPUT QTY & TYPE	TYPICAL BACK-UP TIME	
							Full Load	Half Load
[A] U0425-PT2	Line-Interactive	Simulated Sine Wave	6ft w/ NEMA 5-15P	425VA/255W	Tower	(6) 5-15R	4 Min	17 Min
U0625-PT2	Line-Interactive	Simulated Sine Wave	6ft w/ NEMA 5-15P	625VA / 375W	Tower	(6) 5-15R	4 Min	11 Min
U0825-PT2	Line-Interactive	Simulated Sine Wave	6ft w/ NEMA 5-15P	825VA / 495W	Tower	(6) 5-15R	6 Min	20 Min
U0500-AKP	Line-Interactive	Simulated Sine Wave	6ft w/ NEMA 5-15P	500VA/350W	Tower	(5) 5-15R	5 Min	20 Min
[B] U1000-AKP	Line-Interactive	Simulated Sine Wave	6ft w/ NEMA 5-15P	1000VA/600W	Tower	(5) 5-15R	4 Min	13 Min
U1500-AKP	Line-Interactive	Simulated Sine Wave	6ft w/ NEMA 5-15P	1500VA/900W	Tower	(5) 5-15R	5 Min	18 Min
U2200-AKP	Line-Interactive	Simulated Sine Wave	6ft w/ NEMA 5-20P	2200VA/1320W	Tower	(6) 5-15R	5 Min	22 Min
[C] U0600-ARM	Line-Interactive	Simulated Sine Wave	6ft w/ NEMA 5-15P	600VA/420W	Rack-Mnt, 1U	(5) 5-15R	7 Min	22 Min

UNINTERRUPTIBLE POWER SUPPLIES

LEVITON

SINE SERIES

10 YEAR LIMITED WARRANTY

Best value battery backup and protection for servers, network switches and other critical equipment. Sine Series UPS Systems, available in rack-mount and tower styles, offer economical protection in high-demand environments. Rapid transfer time and voltage effectively manage outages, sags, and swells so critical equipment and data is protected.

SPECIFICATIONS & FEATURES

- Line-Interactive technology provides rapid transfer time (<4ms) and voltage regulation for minor sags and swells
- True sine-wave output at less than 3% THD
- Selectable output: 100V/100V/115V/ 120V/127V
- Advanced Battery Management (ABM) extends battery life up to 50%
- Included software provides monitoring and control capability
- Energy-saving sleep mode reduces power consumption
- AC Surge Protection and Noise Filtering
- User-replaceable, sealed, maintenance-free lead acid batteries
- 2-Year Limited Product Warranty / 2-Year Limited Connected Equipment Warranty

STANDARDS & CERTIFICATIONS

UL 1778 & cUL LISTED | #195168
FCC COMPLIANT

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PRO SERIES UNINTERRUPTABLE POWER SUPPLIES								
PART NO.	UPS TOPOLOGY	OUTPUT WAVEFORM	INPUT CORD LENGTH / TYPE	OUTPUT CAPACITY	FOOTPRINT	OUTPUT QTY & TYPE	TYPICAL BACK-UP TIME	
							Full Load	Half Load
[A] U0800-OSK	Line-Interactive	True Sine Wave	6ft w/ NEMA 5-15P	800VA/560W	Tower	(4) 5-15R	5 Min	14 Min
U1000-OSK	Line-Interactive	True Sine Wave	6ft w/ NEMA 5-15P	1000VA / 700W	Tower	(4) 5-15R	5 Min	14 Min
U1500-OSK	Line-Interactive	True Sine Wave	6ft w/ NEMA 5-15P	1500VA / 1050W	Tower	(6) 5-15R	5 Min	19 Min
U2000-OSK	Line-Interactive	True Sine Wave	6ft w/ NEMA 5-15P	2000VA/1400W	Tower	(6) 5-15R	5 Min	14 Min
U3000-OSK	Line-Interactive	True Sine Wave	Terminal Block	3000VA/2100W	Tower	(4) 5-15R	10 Min	47 Min
[B] U0800-SRM	Line-Interactive	True Sine Wave	6ft w/ NEMA 5-15P	800VA/560W	Rack-Mnt, 1U	(4) 5-15R	10 Min	20 Min
U1500-SRM	Line-Interactive	True Sine Wave	6ft w/ NEMA 5-20P	1500VA/1050W	Rack-Mnt, 1U	(4) 5-15R	5 Min	19 Min
U2000-SRM	Line-Interactive	True Sine Wave	6ft w/ NEMA 5-15P	2000VA/1400W	Rack-Mnt, 1U	(4) 5-15R	10 Min	47 Min
U3000-SRM	Line-Interactive	True Sine Wave	Terminal Block	3000VA/2100W	Rack-Mnt, 1U	(6) 5-15R	10 Min	47 Min

ACCESSORIES	
PART NO.	DESCRIPTION
NM500-001	Network Management Card
DC600-001	Dry Contact Card

UNINTERRUPTIBLE POWER SUPPLIES

ONLINE SERIES

Leviton's Online Series provides top performance battery backup and protection for mission-critical enterprise servers, network switches and other essential equipment. Double-conversation technology ensures you'll receive quality, conditioned power without interruption in the event of a power disruption. The units can also be augmented with extended battery packs to ride through longer power outages or to allow sufficient time to power down all your critical equipment and applications.

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SPECIFICATIONS & FEATURES
• On-Line Double-Conversation Technology with zero transfer time
• True sine-wave output at less than 3% THD
• "Minutes Remaining" indicator based on actual load
• Selectable output: 100V/110V/115V/120V/127V.
• Advanced Battery Management (ABM) extends battery life by up to 50%
• Optional Extended Battery Packs for additional back up time
• Included software for monitoring and control capability
• Energy-saving sleep mode reduces power consumption
• AC Surge Protection and Noise Filtering
• 2-Year Limited Product Warranty / 2-Year Limited Connected Equipment Warranty
STANDARDS & CERTIFICATIONS
UL 1778 & cUL LISTED | #195168 FCC COMPLIANT

PRO SERIES UNINTERRUPTABLE POWER SUPPLIES

PART NO.	UPS TOPOLOGY	OUTPUT WAVEFORM	INPUT CORD LENGTH / TYPE	OUTPUT CAPACITY	FOOTPRINT	OUTPUT QTY & TYPE	TYPICAL BACK-UP TIME	
							Full Load	Half Load
U1000-VNL	Online	True Sine Wave	6ft w/ NEMA 5-15P	1000VA / 700W	Tower	(6) 5-15R	7 Min	15 Min
U1500-VNL	Online	True Sine Wave	6ft w/ NEMA 5-15P	1500VA / 1050W	Tower	(6) 5-15R	5 Min	11 Min
[A] U2000-VNL	Online	True Sine Wave	6ft w/ NEMA 5-20P	2000VA/1400W	Tower	(6) 5-15R	7 Min	15 Min
U3000-VNL	Online	True Sine Wave	6ft w/ NEMA 5-30P	3000VA/2100W	Tower	(6) 5-15R	6 Min	15 Min
U1000-VRM	Online	True Sine Wave	6ft w/ NEMA 5-15P	1000VA / 700W	Rack-Mnt, 2U	(6) 5-15R	7 Min	15 Min
U1500-VRM	Online	True Sine Wave	6ft w/ NEMA 5-15P	1500VA / 1050W	Rack-Mnt, 2U	(6) 5-15R	5 Min	11 Min
[B] U2000-VRM	Online	True Sine Wave	6ft w/ NEMA 5-20P	2000VA/1400W	Rack-Mnt, 2U	(6) 5-15R	7 Min	15 Min
U3000-VRM	Online	True Sine Wave	6ft w/ NEMA L5-30P	3000VA/2100W	Rack-Mnt, 2U	(6) 5-15R	6 Min	15 Min
[C] U1000-DRM	Online	True Sine Wave	6ft w/ NEMA 5-15P	1000VA / 700W	Rack-Mnt, 1U	(3) 5-15R	5 Min	11 Min

ONLINE SERIES EXTENDED BATTERY PACKS (EBP's)

PART NO.	DESCRIPTION	FOR USE WITH THESE UPS SYSTEMS	TYPICAL BACK-UP TIME					
			1000VA Full Load	1 EBP Half Load	2000VA Full Load	1 EBP Half Load	3000VA Full Load	1 EBP Hald Load
U1000-NLB	Tower Battery Pack	U1000-VNL	69 min	148 min	–	–	–	–
[D] U3000-NLB	Tower Battery Pack	U2000/U3000-VNL	–	–	33 min	80 min	19 min	50 min
U1000-RMB	Rack-Mount Battery Pack	U1000-VRM	69 min	148 min	–	–	–	–
U3000-RMB	Rack-Mount Battery Pack	U2000/U3000-VRM	–	–	33 min	80 min	19 min	50 min

Our Complete Line of Industrial Products

Just a click away:

www.leviton.com/industrial

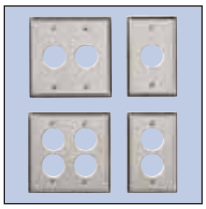
M SECTION

Structured Cabling Systems

DuraPort™ Products Listing

DURAPORT™ INDUSTRIAL CONNECTIVITY

Moisture, dust, corrosion, acids, detergents, oils, and vibration all present a serious threat to network connectivity. Defeat them with patent-pending IP67-rated DuraPort Industrial Connectivity housings, patch cords, and wallplates.



SPECIFICATIONS & FEATURES

Industrial Connector Housings

- Manufactured of Polybutylene Terephthalate (PBT)
- Available in GigaMax 5e+ and eXtreme 6+ performance

Industrial Wallplates

- Non-magnetic stainless steel
- Durable, easy-to-clean
- Over-molded gasket ensures a watertight fit
- Available in single-gang 1- or 2-port, and dual-gang 2- or 4-port configurations

Industrial Patch Cords

- Thermoplastic elastomer sheathing to resist heat, abrasion, and tearing
- Available in six standard lengths, plus custom lengths
- Available in Industrial Plug-to-Industrial Plug and Industrial Plug-to-RJ45 Plug configurations

Industrial Outlet Kits

- Include stainless steel wallplate with appropriate number of housings and dust caps
- Available in single-gang 1- or 2-port, and dual-gang 2- or 4-port configurations
- Connectors sold separately

DURAPORT™ INDUSTRIAL CONNECTIVITY

DURAPORT INDUSTRIAL CONNECTOR HOUSINGS	
DESCRIPTION	**CAT. NO.**
CAT 6 Industrial Connector Housing w/Dust Cap	D6706-00E
CAT 5e+ Industrial Connector Housing w/Dust Cap	D675E-00E
Dust Cap	D6701-00E
DURAPORT INDUSTRIAL STAINLESS STEEL WALLPLATES	
DESCRIPTION	**CAT. NO.**
Industrial Wallplate, S/S, 1-Port, Single-Gang	D6710-1S1
Industrial Wallplate, S/S, 2-Port, Single-Gang	D6710-1S2
Industrial Wallplate, S/S, 2-Port, Dual-Gang	D6710-2S2
Industrial Wallplate, S/S, 4-Port, Dual-Gang	D6710-2S4
DURAPORT INDUSTRIAL PATCH CORDS, CAT 6	
DESCRIPTION	**CAT. NO.**
Industrial Plug-to-Industrial Plug, 3-ft	D6720-03E
Industrial Plug-to-Industrial Plug, 5-ft	D6720-05E
Industrial Plug-to-Industrial Plug, 7-ft	D6720-07E
Industrial Plug-to-Industrial Plug, 10-ft	D6720-10E
Industrial Plug-to-Industrial Plug, 15-ft	D6720-15E
Industrial Plug-to-Industrial Plug, 20-ft	D6720-20E
Industrial Plug-to-RJ45 Plug, 3-ft	D6721-03E
Industrial Plug-to-RJ45 Plug, 5-ft	D6721-05E
Industrial Plug-to-RJ45 Plug, 7-ft	D6721-07E
Industrial Plug-to-RJ45 Plug, 10-ft	D6721-10E
Industrial Plug-to-RJ45 Plug, 15-ft	D6721-15E
Industrial Plug-to-RJ45 Plug, 20-ft	D6721-20E
DURAPORT INDUSTRIAL OUTLET KITS	
DESCRIPTION	**CAT. NO.**
Industrial Outlet Kit, S/S, 1-Port, Single-Gang	D670K-1S1
Industrial Outlet Kit, S/S, 2-Port, Single-Gang	D670K-1S2
Industrial Outlet Kit, S/S, 2-Port, Dual-Gang	D670K-2S2
Industrial Outlet Kit, S/S, 4-Port, Dual-Gang	D670K-2S4

IP67 RATED INGRESS PROTECTION

PROTECTION AGAINST SOLID OBJECTS	
0	None
1	Solid objects larger than 50mm
2	Solid objects larger than 12.5mm
3	Solid objects larger than 2.5mm
4	Solid objects larger than 1.0mm
5	Dust
6	**Dust tight**

IP67 RATED INGRESS PROTECTION

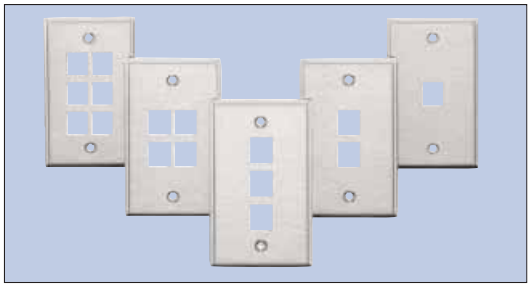
PROTECTION AGAINST WATER	
0	None
1	Vertically falling water drops
2	Vertically falling water drops (up to 15° angle)
3	Spraying water
4	Splashing water
5	Water jets
6	Powerful water jets
7	**Temporary immersion in water**
8	Continuous immersion in water

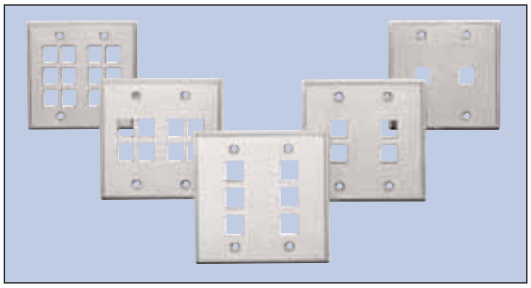
IP RATINGS ARE BASED ON INTERNATIONAL STANDARD IEC 60529.

WALLPLATES

Single-gang and dual-gang QuickPort Stainless Steel Wallplates provide rugged durability and accept any QuickPort module. Wallphone Wallplates come in two configurations in order to accept a variety of wall phone styles.

- Ideal in environments that demand an easy-to-clean solution
- Field configure with any combination of Quickport modules
- Wallphone Wallplates feature durable rivets and accept one QuickPort module
- Recessed wallphone wallplate design fits cleanly with slide rail mechanisms





QUICKPORT STAINLESS STEEL WALLPLATES

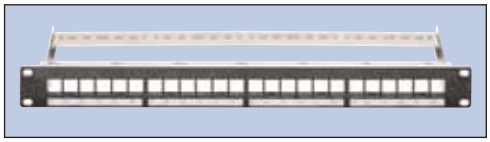
DESCRIPTION	SINGLE-GANG	DUAL-GANG
12-Port Wallplate	——	43080-S12
8-Port Wallplate	——	43080-2S8
6-Port Wallplate	43080-1S6	43080-2S6
4-Port Wallplate	43080-1S4	43080-2S4
3-Port Wallplate	43080-1S3	——
2-Port Wallplate	43080-1S2	43080-2S2
1-Port Wallplate	43080-1S1	——

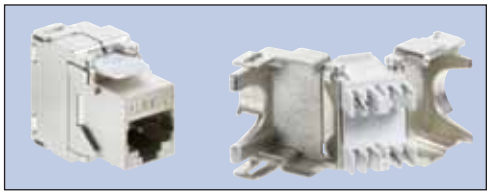
QUICKPORT STAINLESS STEEL WALLPHONE WALLPLATES

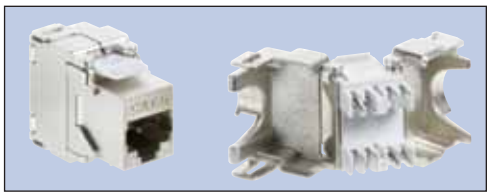
DESCRIPTION	RECESSED	NON-RECESSED
Wallphone Wallplate	4108W-1SP	4108W-0SP

SHIELDED CONNECTIVITY SOLUTIONS

Leviton's Shielded Connectivity Solution protects critical data from EMI (electro-magnetic interference). This makes Leviton's Shielded Connectivity Solution ideal for use in health care, government, manufacturing, and other environments where EMI is commonly present. Leviton's Shielded Connectivity Solution includes a 1RU/24-Port Patch Panel with Cable Management Bar, as well as CAT 5e and CAT 6 Shielded Connectors and Patch Cords.







SHIELDED CONNECTORS

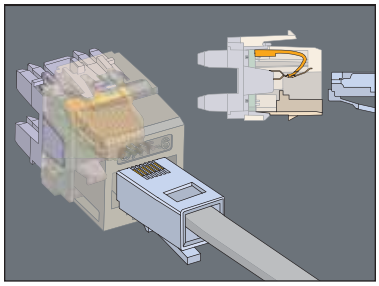
DESCRIPTION	CAT. NO.
eXtreme 6+ shielded channel-rated connector	6S180-SH6
GigaMax 5e shielded channel-rated connector	5S180-SH5
24-Port shielded patch panel, 1RU with cable management bar	4S255-S24
eXtreme 6+ shielded patch cord, gray only	6S460-xxS
GigaMax 5e shielded patch cord, gray only	5S460-xxS

xx = Length: (03), (05), (07), (10), (15), or (20) feet

Connectivity Product Listings

CONNECTORS

CAT 6A eXtreme® 10G connectors feature The Cone of Silence™, and Retention Force Technology® (RFT), and offer unparalleled signal integrity. eXtreme 6+ and GigaMax® 5e+ component-rated connectors also feature patented RFT the revolutionary technology that protects jack tines against damage and ensures long term performance. All connectors are suitable for industrial applications, especially when used with Duraport housings.

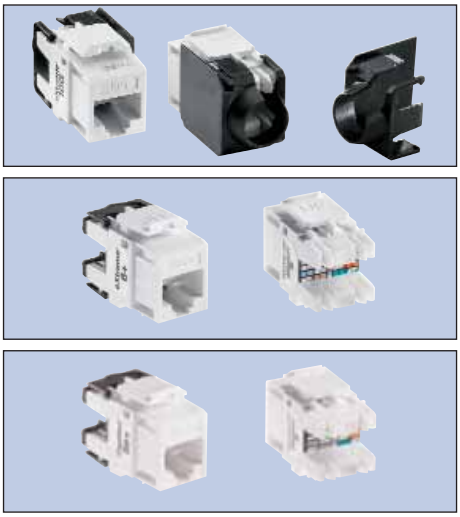


All connectors

- Feature standard QuickPort® compatibility
- Include universal color-coded wiring labels with T568A/T568B wiring patterns
- Exceed industry standards to ensure long-term network performance
- Are fully compliant with published TIA-568-B requirements

CONNECTORS	
CATEGORY 6A QUICKPORT® CONNECTORS	
DESCRIPTION	**CAT. NO.**
eXtreme 10G channel-rated connector	6110G-R*6
Cone of Silence™ replacement pack (bag of 13)	61COS-B13
CATEGORY 6 QUICKPORT CONNECTORS	
DESCRIPTION	**CAT. NO.**
eXtreme 6+ component-rated connector	61110-R*6
eXtreme 6+ shielded channel-rated connector	6S180-SH6
CATEGORY 5E QUICKPORT CONNECTORS	
DESCRIPTION	**CAT. NO.**
GigaMax 5e+ component-rated connector	5G110-R*5
GigaMax 5e+ component-rated connectors QuickPack (25 per pack)	5G110-B*5
GigaMax 5e shielded channel-rated connector	5S180-SH5

** = Colors: - White (W), Light Almond (T), Almond (A), Ivory (I), Yellow (Y), Orange (O), Crimson (C), Dark Red (R), Purple (P), Blue (L), Green (V), Grey (G), Black (E), Brown (B)*



PATCH CORDS

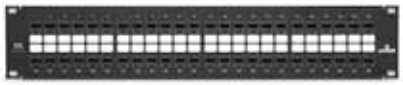
eXtreme 10G patch cords feature flexible wire for long-term channel integrity, and special technology that renders cross-talk insignificant. eXtreme 6+ and GigaMax 5e Patch Cords are available in three styles; Standard, SlimLine, and Shielded. SlimLine Patch Cords are ideal for high-density environments, while Shielded Patch Cords provide enhanced EMI protection and data security. Leviton patch cords are available in six lengths and seven colors. Shielded patch cords are available only in gray.

PATCH CORDS			
CATEGORY 5E PATCH CORDS			
DESCRIPTION	**STANDARD**	**SLIMLINE**	**SHIELDED**
GigaMax 5e Patch Cords	5G460-xx*	5D460-xx*	5S460-xxS
CATEGORY 6 PATCH CORDS			
DESCRIPTION	**STANDARD**	**SLIMLINE**	**SHIELDED**
eXtreme 6+ Patch Cords	62460-xx*	6D460-xx*	6S460-xxS
CATEGORY 6A PERFORMANCE PATCH CORDS			
DESCRIPTION			**CAT. NO.**
eXtreme 10G Patch Cord			6210G-xx*

xx = Length: (03), (05), (07), (10), (15), or (20) feet
** = Colors: - White (W), Yellow (Y), Red (R), Blue (L), Green (V), Grey (S), Black (E)*

PATCH PANELS

With the widest ranging line-up of patch panels in the industry, Leviton is sure to offer an option that suits your unique application.



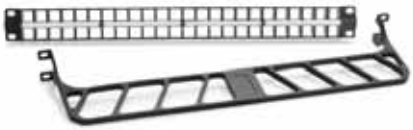
eXtreme® 10G Patch Panels

Leviton's **eXtreme 10G** patch panels are available in 24-, 48-port, and angled styles, and support PoE-enabled devices, and 10/100/1G Ethernet, as well as 10G and IP-based applications. Patent-pending Cone of Silence™ blocks alien crosstalk (AXT) while Retention Force Technology® ensures error-free performance. Preloaded with black eXtreme 10G connectors, panels offer universal T568A/B wiring compatibility, 110-style IDC termination field, and labeling surfaces.

eXtreme 6+ Patch Panels

eXtreme 6+ Patch Panels & Blocks are available in a variety of styles to meet specific application needs.

Universal Panels feature six-port RJ-45 modules on the front with 110-style punch-downs on the rear. T568A/B wiring configurations. QuickPort Patch Panels are pre-loaded with black eXtreme 6+ connectors.



GigaMax® 5e Patch Panels

Choose from a variety of **GigaMax 5e** Patch Panels & Blocks to meet specific application needs. Universal Panels feature six-port RJ-45 modules on the front with 110-style punch-downs on the rear. T568A/B wiring configurations. QuickPort Patch Panels are pre-loaded with black GigaMax 5e connectors.

High-Density Patch Panels

High-Density 1RU 48-Port Patch Panels, for applications where space is at a premium, double connector density. Robust design and die-cast aluminum construction readily support heavy cable loads. Available with eXtreme 10G, eXtreme 6+, or GigaMax 5e Connectors. Also sold empty.

Angled Patch Panels

The unique design of **Leviton's Recessed Angled Patch Panels** provides improved punch-down accessibility, the option to increase rack density, and enhanced patch cord transition to vertical cable management. Available in Category 6A, 6, and 5e, or field-configurable versions. Angled Panel Accessories keep installations organized and ready for future expansion. Leviton's **Original Angled Patch Panels** are available in Universal and QuickPort® styles, loaded or unloaded.

PATCH PANELS

10G PERFORMANCE QUICKPORT® PATCH PANELS	
DESCRIPTION	**CAT. NO.**
24-Port QuickPort Patch Panel loaded with eXtreme® 10G Connectors, 1RU	6910G-U24
48-Port QuickPort Patch Panel loaded with eXtreme 10G Connectors, 2RU	6910G-U48
48-Port Recessed Angled QuickPort Patch Panel loaded with eXtreme 10G Connectors, 2RU	6W10G-U48

CATEGORY 6 PATCH PANELS					
DESCRIPTION	**12-PORT PANEL**	**24-PORT PANEL**	**48-PORT PANEL**	**CENTRAL LABEL 48-PORT PANEL**	**96-PORT PANEL**
eXtreme 6+ Universal Patch Panel	69586-U12	69586-U24	69586-U48	69586-C48	69586-U96
QuickPort® Patch Panel, pre-loaded with eXtreme 6+ Connectors	—	69270-U24	69270-U48	—	—
CATEGORY 6 ANGLED PATCH PANELS					
extreme 6+ Angled Patch Panel, Universal, 110 style, 2RU	—	—	69587-U48	—	—
extreme 6+ Recessed Angled Patch Panel, Universal, 110 style, 2RU	—	—	6W587-U48	—	—
QuickPort Angled Patch Panel, loaded with extreme 6+ connectors, 2RU	—	—	69271-U48	—	—
QuickPort Recessed Angled Patch Panel, loaded with eXtreme 6+ Connectors, 2RU	—	—	6W271-U48	—	—
CATEGORY 5E PATCH PANELS					
DESCRIPTION	**12-PORT PANEL**	**24-PORT PANEL**	**48-PORT PANEL**	**CENTRAL LABEL 48-PORT PANEL**	**96-PORT PANEL**
GigaMax® 5e Universal Patch Panel	5G596-U12	5G596-U24	5G596-U48	5G596-C48	5G596-U96
QuickPort Patch Panel, loaded with GigaMax 5e+ Connectors	—	5G270-U24	5G270-U48	—	—
CATEGORY 5E ANGLED PATCH PANELS					
GigaMax 5e Angled Patch Panel, Universal, 110 style, 2RU	—	—	5G597-U48	—	—
GigaMax 5e Recessed Angled Patch Panel, Universal, 110 style, 2RU	—	—	5W597-U48	—	—
QuickPort Angled Patch Panel, loaded with GigaMax 5e connectors, 2RU	—	—	5G271-U48	—	—
QuickPort Recessed Angled Patch Panel, loaded with GigaMax 5e+ Connectors, 2RU	—	—	5W271-U48	—	—

Our Complete Line of Industrial Products

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www.leviton.com/industrial

N SECTION

Occupancy Sensors & Lighting Control Products

Occupancy Sensors Applications Guide

LEVITON

Occupancy Sensor Series	ODS10-ID	ODS15-ID	ODS0D-ID	ODS0D-TD	OSSMT-MD	ODC0S-ILW ODC0S-I2W ODC0S-I7W	OSC04-I0W	OSC15-I0W	OSC20-U0W	OSC10-U0W	OSC05-U0W	OSC20-M0W
SPECIFICATIONS												
Technology	PIR				Multi-Tech	PIR	PIR		Ultrasonic			Multi-Tech
Mounting	Switch Box					Ceiling	Ceiling					
Coverage Sq. Ft.	2100	2100	2100	2100	1200	530	450	1500	2000	1000	500	2000
Pattern	180°	180°	180°	180°	180°	360°	360°	360°	360°	360°	180°	360°
Mounting Height	4'	4'	4'	4'	4'	8' - 15'	8' - 15'		8' - 10'			8' - 10'
Adjustment	Self-Adjusting					Manual	Self-Adjusting, Self-Calibrating					
Time Delay	30s - 20m				30s - 30m	20s - 15m	30 Seconds to 30 Minutes, 6 Second Test Mode					
Voltage	120/277VAC					120-220-277	Utilizes 24VDC Power Packs and Add-A-Relays					
Wattage/VA	1200/2700	1800/4000	800/2700	800/2700	800/2700	1000/2700	Unlimited Through Use of Power Packsand Add-A-Relays					
Power Pack	External Power Pack Not Required						24VDC Required					
Photocell	Internal						Internal Photocell 20-3000 Lux Adjustable					
HVAC Relay	Not Applicable						Use -RDO or -R30 Relay with 0.5A 125VAC 1.0A30VDC Relay					
Environmental Operating Temperature/ Humidity	-32° F to 104° F / 0 to 95% Non-Condensing, Indoor Use Only						-32° F to 104° F / 0 to 95% Non-Condensing, Indoor Use Only					
Standards	UL/CSA, California Title 24, ASHRAE 90.1						cULus Listed, ANCE, NOM 057, CA Title 24 and ASHRAE 90.1					
Warranty	5-Year Limited						5-Year Limited					
Feature	S-P	S-P	Dual-Circuit	Dual-Circuit	S-P	Self-Contained	S-P	S-P	Dual-Circuit	Dual-Circuit	S-P	Self-Contained
APPLICATIONS												
Cafeteria									C	C	C	A
Closet Utility						A	B					
Computer Room	B	B							B	B	B	A
Conference Room	B	B	B		A		B	B	A	A	A	B
Copy Room	C	C					B	B				
File Room									C	C	C	A
Hallway								C	C	C		
Loading Dock												
Office Executive	B	A	A	A	A				B	B	B	B
Office Open												C
Office Private	B	A	A	A	A							B
Office Small	B	A	A	A		A	B					
Office w/Cubicles									B	B	B	A
Open Area								B	A	A	A	B
Outdoor Grounds												
Refrigerated Storage												
Restroom Non-Partitioned	B	A	C	C	B	A	B		A	A	A	C
Restroom Partitioned	C	C	C	C	B				A	A	A	B
Security												
Stairwell												
Storage Room	B	A			B	A	B	B	C	C	C	C
Vending Room	C	C	C	C		B	B					
Warehouse Aisles												
Warehouse Open								C	C	C	C	C
Work Space General								A	C	C	C	B

Power packs and add-a-relays available. See page N27
Rating Key: A = Best sensor for application, B = Better sensor for application, C = Good sensor for application
** 1:1 Ratio (40' Mounting height equals a 40' diameter.)

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

Occupancy Sensors Applications Guide

Occupancy Sensor Series	OSC10-M0W	OSC05-M0W	OSW12-M0W	OSWWV-I0W	OSWHB-I0W	OSWLR-I0W	OSFHB-ITW	PS200-10 PS200-1F	PS110-10 PS110-1F
SPECIFICATIONS									
Technology	Multi-Technology			PIR Passive Infrared				PIR Passive Infrared	
Mounting	Ceiling		Wall, Corner, or Ceiling				Fixture	Outdoor Sensor	
Coverage Sq. Ft.	1000	500	1200	2500	55x7	100x14	1500**	4000	2500
Pattern	360°	180°	110°	110°	8°	27°	360°	200°	110°
Mounting Height	8' - 15'			8' - 15'	10' - 40'	8' - 15'	Up to 40'	8' - 16'	
Adjustment	Self-Adjusting, Self Calibrating							Manual	
Time Delay	30 Seconds to 30 Minutes, 6 Second Test Mode							20s-15m	
Voltage	Utilizes 24VDC Power Packs and Add-A-Relays						120/277/347	120VAC	
Wattage/VA	Unlimited through use of Power Packs and Add-A-Relays						800/1200/1500VA	1000W/500VA	
Power Pack	24VDC Required							Line Voltage	
Photocell	Internal Photocell 20-3000 Lux Adjustable							Internal	
HVAC Relay	Use -RD0 or -R30 Relay with 0.5A 125VAC 1.0A 30VDC Relay							N/A	
Environmental Operating Temp. / Humidity	-32° F to 104° F / 0 to 95% Non-Condensing, Indoor Use Only						-14°F to 160°F 20 to 95% Non-Condensing	-4°F to 131°F 20 to 95% Non-Condensing	
Standards	cULus Listed, ANCE, NOM 057, CA Title 24 and ASHRAE 90.1							UL/CSA ASHRAE 90.1	
Warranty	5-Year Limited							5-Year	
Feature				Wide View	High Bay	Long Range	High Bay	Avail. w/ Dual Floodlight Lampholder	
APPLICATIONS									
Cafeteria	A	A	A	B	B	C			
Closet Utility									
Computer Room	A	A	C						
Conference Room	B	B	B	B					
Copy Room				C					
File Room	A	A	B						
Hallway					B	A			
Loading Dock					B	B			
Office Executive	B	B	A						B
Office Open	C	C	A	A		C			
Office Private	B	B	A						
Office Small									
Office w/Cubicles	A	A	A						
Open Area	B	B	A	A					
Outdoor Grounds								A	A
Refrigerated Storage								A	A
Restroom Non-Partitioned	C	C							
Restroom Partitioned	B	B	C						
Security								A	A
Stairwell			A	B	A				
Storage Room	C	C	B		B	B	B		
Vending Room						B			
Warehouse Aisles					A	A	A		
Warehouse Open	C	C	A	A	A	A	A		
Work Space General	B	B	A	A	A	A	A		

Power packs and add-a-relays available. See page N27
Rating Key: A = Best sensor for application, B = Better sensor for application, C = Good sensor for application
** 1:1 Ratio (40' Mounting height equals a 40' diameter.)

Energy Management & Dimming Products

LEVITON

Product Types

CENTURA™ SYSTEM

Centura™ Fluorescent Energy Management System

A modular lighting control system for dimming fluorescent ballasts that may include a power pack, several wall controllers, a handheld remote control, a photocell, and a SmartJack. Uses photocell to adjust lights to ambient light conditions for substantial energy savings. Optional Leviton software enables lighting control via computer.

PAGE N4

Load Icon Legend

- I — Incandescent
- HID — High Intensity Discharge
- F — Fluorescent
- FS — Fan Speed Control
- E — Electronic Low Voltage
- ML — Motor Load
- M — Magnetic Low Voltage
- NCC — Neon Cold Cathode

OCCUPANCY SENSORS

Decora® Wall-Switch Infrared Occupancy Sensor

Features automatic "walk-through" sensing and self-adjusting delayed off. Dual relay versions available.

PAGE N16

Self-Contained Infrared Ceiling-Mount Occupancy Sensor

Features built-in relay and 360° coverage. For small spaces.

PAGE N20

Multi-tech Ceiling-Mount Occupancy Sensor

IR and ultrasonic combine for accurate monitoring while minimizing false triggers. For larger, open areas. Self adjusting.

PAGE N21

Ultrasonic Ceiling-Mount Occupancy Sensor

Highly accurate small-motion detection. Self-adjusting sensitivity and time off.

PAGE N22

Infrared Ceiling-Mount Occupancy Sensor

All-digital self-adjusting sensor with high accuracy monitoring. Ideal in small, commercial areas.

PAGE N23

Multi-tech Wall-Mount Occupancy Sensor

IR and ultrasonic combine for accurate monitoring while minimizing false triggers. Fits in corner.

PAGE N24

Infrared Indoor Wall-Mount Occupancy Sensor

All-digital self-adjusting sensors in wide-view, high-bay and long-range versions. For commercial applications. Fits in corner.

PAGE N25

Infrared Outdoor Motion Sensor

Adjustable delayed-off plus sensitivity to reduce false triggers. For commercial and residential applications.

PAGE N28

RELAY PANELS

Z-MAX™/ EZ-MAX Relay Systems

Combines time clock and switching controller functions. Networkable configurations, wall stations and other accessories available.

PAGE N40

ELECTRONIC TIMERS

Decora Plus™ Preset Timer Switches

Timed control of lighting and appliances in a sleek Decora unit. Available in 4 interval options.

PAGE N36

Decora® Programmable Timer Switches

14-hour, 24-hour, and countdown on/off timers.

PAGE N37

DAYLIGHT HARVESTING

miniZ™ Intelligent Daylight Management System

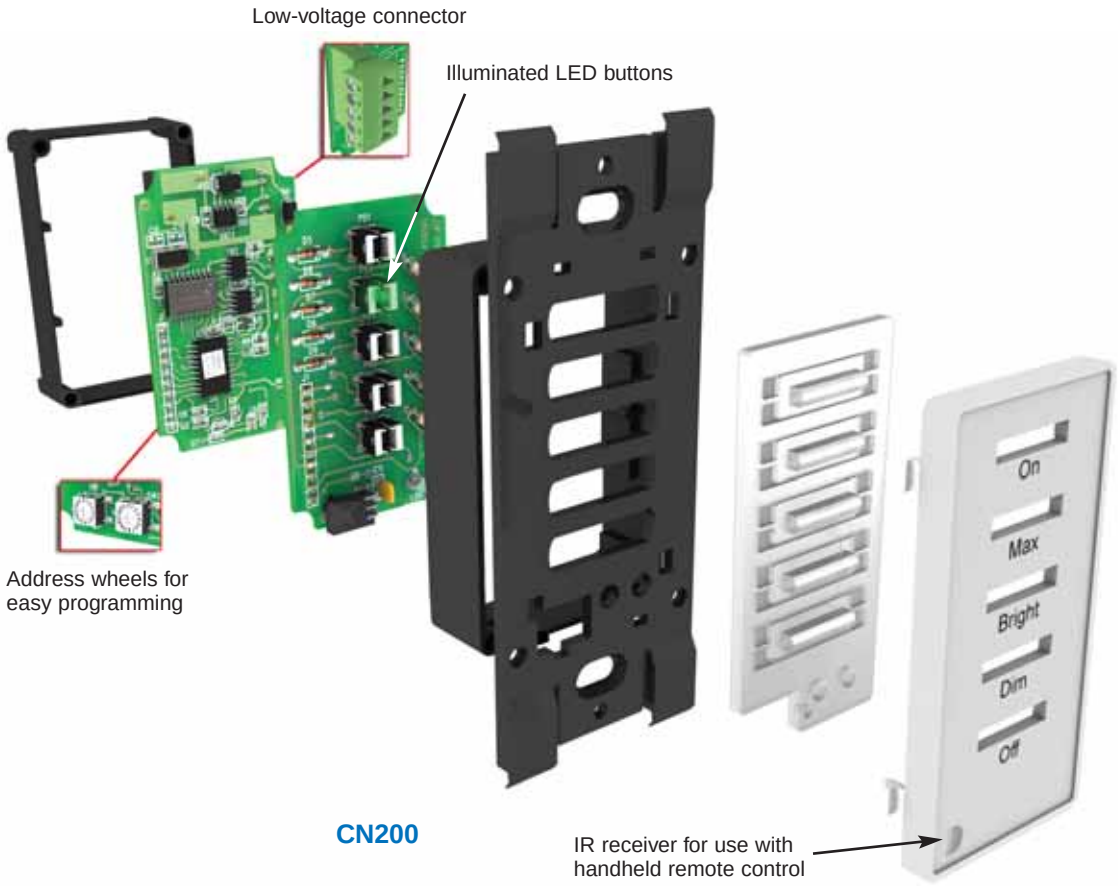
miniZ and Dual Room miniZ offer daylight harvesting in a single, easily installed package.

PAGE N47

Centura™ Overview

CENTURA™ FLUORESCENT ENERGY MANAGEMENT SYSTEM

Leviton's Centura™ is a modular fluorescent lighting control system that brings increased energy efficiency to commercial spaces. Using a technique known as daylight harvesting, Centura automatically adjusts lighting to take advantage of ambient light conditions. Centura offers a PC lighting control interface that is especially useful where access to individual wall switches is impractical. Occupancy sensors can be incorporated into the system for even greater energy savings — up to a proven 50%!



CN200

- **Daylight harvesting automatically adjusts lights to changing conditions**
- **Occupancy sensors automatically turn lights off when room is unoccupied**
- **Conserves energy and lowers electric bills; meets ASHRAE Standard 90.1 requirements**
- **Accessible through controllers or via Leviton Personal Dimmer software**
- **Can reduce eye fatigue — for optimum employee comfort and productivity**
- **Modular system design expands energy-saving options with an interface for building emergency systems, load shedding programs, and time clock systems**

Available Colors

White *Ivory*

NOTE: Not all models come in all colors. See listings for color availability for specific devices.

Centura™ Product Listing

CENTURA™ POWER PACK, PHOTOCELL & COMPATIBLE OCCUPANCY SENSORS

The key to Centura's energy management functionality is the interplay between the system's power pack, photocell units, and occupancy sensors. These technologies combine to automate lighting and create the optimal work atmosphere while also conserving energy. Leviton offers a number of compatible ceiling- and wall-mount occupancy sensors to accommodate a broad range of applications.

SPECIFICATIONS & FEATURES

Power Pack / System

- Provides low-voltage power supply for controllers, photocell, occupancy sensors and jack
- When hardwired to photocell, reduces electric usage through daylight harvesting
- When hardwired to occupancy sensor, provides hands-free lights-on when room is entered and turns lights off when room becomes vacant, for increased energy savings
- Retains all LCnet system settings such as addresses, light (including preset) levels, load shed and emergency status, unoccupied state, and 30-minute timeout state
- Features a built-in, low-voltage HVAC relay and a programmable (via PC) time clock
- Meets environmental regulations (including California's Title 24) by defaulting to a 30-minute override of manually brightened settings

Photocell Only

- Measures light from any source in the visible spectrum within a 60° cone
- Provides continual measurements to the Dimming Power Pack
- Mounts on ceiling

TESTING & CODE COMPLIANCE

- CEC Title 24 compliant and meets ASHRAE Standard 90.1 requirements
- Power Pack and Photocell are UL Listed, CSA Certified, and FCC Part 15 (where applicable)
- Occupancy sensors are CUL/US Certified
- Centura Power Pack backed by a Limited Two-Year Warranty
- Photocell and Occupancy Sensors backed by a Limited Five-Year Warranty

NOTE: See "Applications" on Pages N10 and N11 for additional information on daylight harvesting, addressing, Centura design scenarios, and photocell and occupancy sensor placement.

Centura™ adjusts lights to automatically provide optimal lighting throughout the day.

Dims lights during a bright day.

Brightens lights when evening falls.

Turns lights off when space becomes unoccupied.

CENTURA™ POWER PACK, PHOTOCELL & COMPATIBLE OCCUPANCY SENSORS

Centura Power Pack & Photocell

COMMERCIAL GRADE

DESCRIPTION	CAT. NO.	RATING	COLOR
Centura Dimming Power Pack: On/off and dim/bright control of 0-10VDC dimming fluorescent ballasts. Responds to wall controller, occupancy sensor and photocell input, and provides +24VDC power supply for these devices. Programmed via wall controller or via Leviton Personal Dimmer software from a PC. Secondary relay sends control signals to HVAC system	**CN100-0D0**	2400VA @ 120VAC 60Hz, 5500VA @ 277VAC 60Hz. For use with 0–10VDC Advance Mark 7™, OSRAM Sylvania Quicktronic® Helios™, Energy Savings SuperDim™ and comparable ballasts only	Gray Metallic
Centura Photocell: Allows Centura system to maintain a programmed light level by constantly adjusting fluorescent light output to compensate for changes in ambient light	**ODC0P**	No load rating. For use with CN100 only. 0–70 footcandles	White

Note: See Page N12 for wiring diagrams.

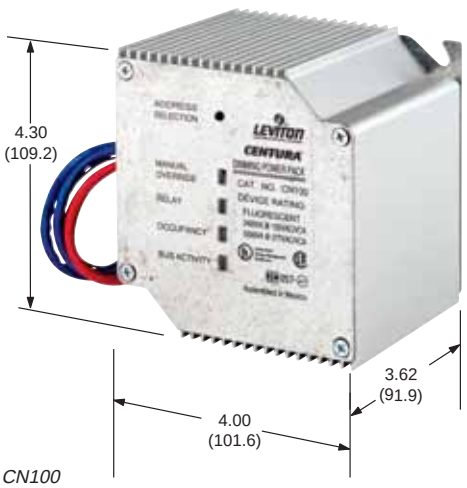
Centura-Compatible Occupancy Sensors

(Additional information on these sensors, including photos and dimensions, can be found on the pages indicated.)

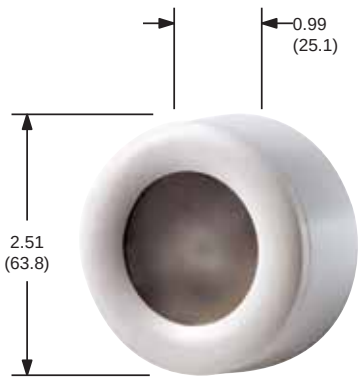
COMMERCIAL GRADE

DESCRIPTION	CAT. NO.	COVERAGE	COLOR	PAGE NO.
Multi-tech Ceiling Sensor	**OSC05-M0W**	180°, 500SF	White	**N21**
Multi-tech Ceiling Sensor	**OSC10-M0W**	360° 1000SF	White	**N21**
Multi-tech Ceiling Sensor	**OSC20-M0W**	360°, 2000SF	White	**N21**
Ultrasonic Ceiling Sensor	**OSC05-U0W**	180°, 500SF	White	**N22**
Ultrasonic Ceiling Sensor	**OSC10-U0W**	360° 1000SF	White	**N22**
Ultrasonic Ceiling Sensor	**OSC20-U0W**	360°, 2000SF	White	**N22**
Passive Infrared Ceiling Sensor	**OSC04-I0W**	360°, 450SF	White	**N23**
Passive Infrared Ceiling Sensor	**OSC15-I0W**	360°, 1500SF	White	**N23**
Multi-tech Wall Sensor	**OSW12-M0W**	115°, 1200SF	White	**N24**
Passive Infrared Wide-View Sensor	**OSWWV-I0W**	115°, 2500SF	White	**N25, N26**
Passive Infrared Long Range Sensor	**OSWLR-I0W**	100ft. @ 10ft. high	White	**N26**
Passive Infrared High-Bay Sensor	**OSWHB-I0W**	55 ft., 7 ft. wide @ 30 ft. high	White	**N26**

NOTE: These Leviton occupancy sensors can be powered by the CN100. Within a Centura System, a separate Occupancy Sensor Power Pack is not required.



CN100



ODC0P

Centura™ Product Listing

CENTURA™ CONTROLLERS

A number of controllers (including an entry-pad dimmer, rocker style switch or dimmer and a handheld remote control) can be incorporated into a Centura system. All wall-mounted controllers feature sleek Decora® styling.

CN200

SPECIFICATIONS & FEATURES

	CN200	CN220	CN221	NE200
• Dimming and switching functionality	X		X	X
• One-touch full brightness Max button	X			
• Manual controls override automatic settings	X	X	X	X
• Compatible with a handheld remote control	X			
• Service switch temporarily cuts power to fixtures		X	X	
• For use programming Centura™ system	X		X	X
• Sleek Decora styling	X	X	X	

TESTING & CODE COMPLIANCE

- UL Listed
- CSA and NOM Certified
- FCC Part 15 and CEC Title 24 compliant (except for Remote Controller)
- Backed by a Limited Two-Year Warranty

Centura™ Product Listing

CENTURA™ WALL AND REMOTE CONTROLLERS

COMMERCIAL GRADE

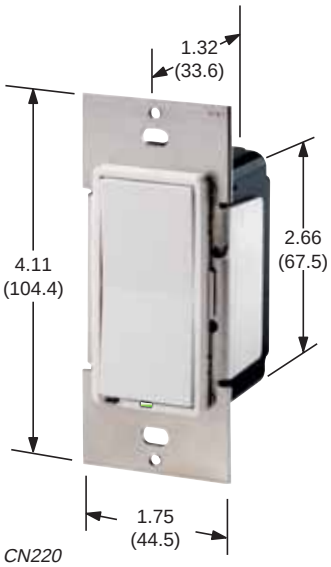
DESCRIPTION	CAT. NO.	RATING	COLOR
Centura Dimming Controller with Infrared Receiver: Decora-style 5-button unit for on/off, dim/bright and max override. Built-in IR receiver for use with Centura NE200 Remote. Programs energy management functions	**CN200-00C** Power Pack only	No load rating. For use with Centura Dimming	W + I*
Centura Switching Controller: Decora-style rocker for on/off switching	**CN220-00C**	Same as Above	W + I*
Centura Dimming Controller: Decora-style rocker for on/off switching with built-in arrow-shaped rocker for dim/bright control. LED display indicates selected brightness level. Back of wallplate provides instruction label that lines up with LEDs to facilitate programming	**CN221-00C**	Same as Above	W + I*
Centura Handheld Infrared Remote Controller: Convenient on/off, dim/bright control presets and programming.	**NE200-00E**	No load rating. For use with CN200 Controller only	Black

** Comes standard in White with matching Decora wallplate and Ivory Color Change Kit*

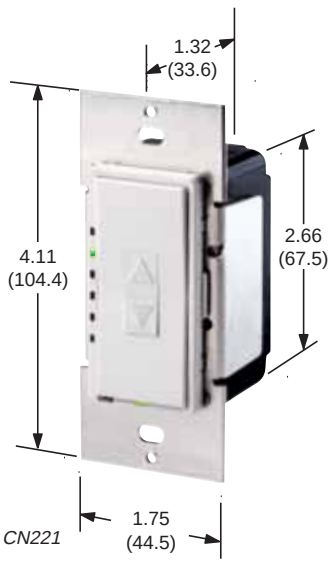
Note: See Page N13 for wiring diagrams.

CN200

NE200



CN220



CN221

Centura™ Product Listing

CENTURA™ SMARTJACK/SOFTWARE PACKAGE

With Centura not only can lighting administrators view and control the entire lighting system from a PC, but the average user can also adjust lighting from his or her PC. Visit www.leviton.com/centura for the latest Centura software updates.

SPECIFICATIONS & FEATURES

- Provides PC interface for individual control of lights, to ease setup, and to back up settings
- CD includes Leviton HTTP Server, LPD, and LPDA software modules
- Comes with RJ11-to-DB9 cable
- LEDs blink red or green to confirm message status
- SmartJack fits inside a standard NEMA wallbox

TESTING & CODE COMPLIANCE

- UL Listed, CSA Certified
- Backed by a Limited Two-Year Warranty

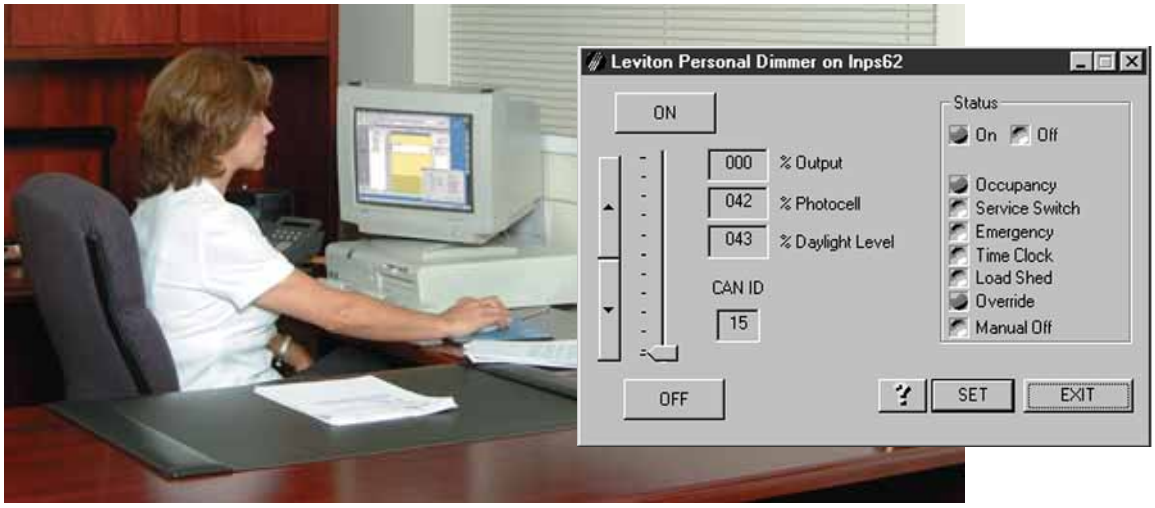
NE100

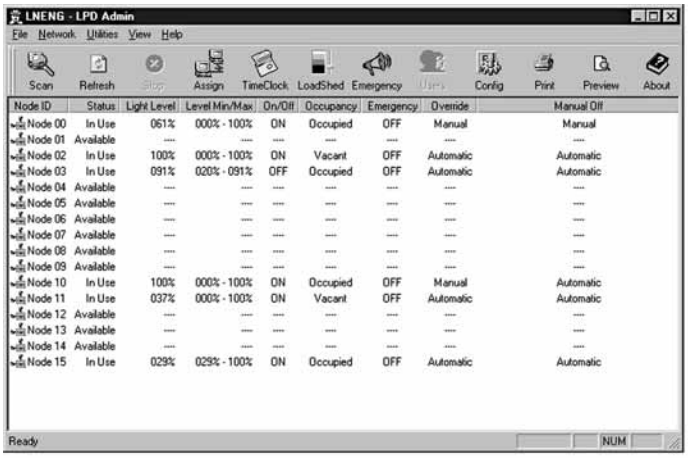
COMMERCIAL GRADE

DESCRIPTION	CAT. NO.	RATING	COLOR
LCnet SmartJack Package: Includes a cable for connecting the SmartJack to a PC and a mini-CD containing server, administrator, and user software. For the latest software updates, check Leviton's Web site: www.leviton.com	**NE100-00C**	No load rating. For use with Centura Power Pack	White + Ivory*

** Comes standard in White with matching Decora wallplate plus Ivory jack insert option (Ivory Decora wallplate sold separately).*

Note: See Page N12 & N13 for wiring diagrams.





Centura™ Applications

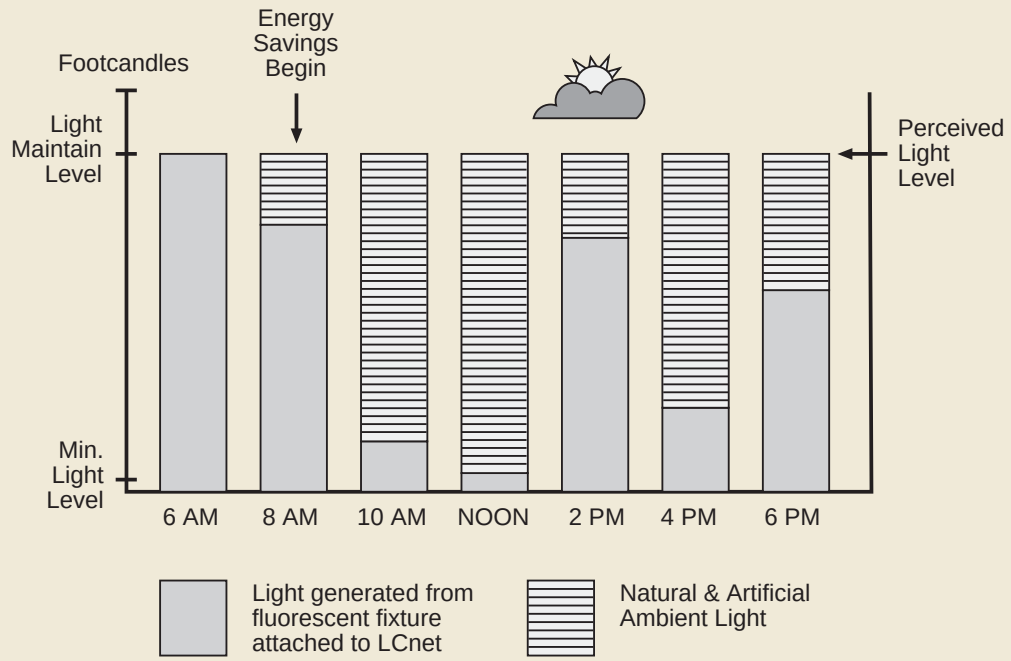
GENERAL APPLICATION

Leviton's Centura™ Fluorescent Energy Management System is ideally suited to commercial environments in which at least one of the following needs is present:

- Saving money by reducing electric consumption
- Increasing employee productivity through optimal lighting that reduces eye fatigue
- Meeting environmental regulations and conserving energy
- Providing individual control of lighting to workers via a PC interface
- Offering hands-free convenience by automatically turning lights on and off when appropriate
- Linking emergency, time clock, HVAC and fluorescent lighting control systems to achieve optimal synergy and efficiencies

The key to Centura's energy management feature is "daylight harvesting." By using surrounding ambient light to supplement light from fixtures within the room, Leviton's Centura System can maintain a constant lighting level while saving electricity. The "Light Maintain Level" must be programmed into the power pack either via Leviton-provided software, one of the wall-mounted controllers, or through a handheld remote control. Once wired, the power pack will receive the photocell's comprehensive light measurement and, when necessary, adjust its own output to keep steady the Light Maintain Level within the photocell's area of detection.

Typical Daylight Harvesting Operation within a 12-hour period



A comprehensive energy management system, such as Centura, does require planning and programming. A number of key issues to consider beforehand include:

- Ambient light conditions and usage of space to determine optimal photocell placement
- Selecting the appropriate occupancy sensors to monitor an area
- How the wiring should be laid out and which Centura components are needed to create the desired system (taking into account load capacity and addressing limitations)
- The appropriate addressing scheme and light levels that will need to be programmed

Addressing

The Centura Power Pack, all three wall controllers and the Leviton Personal Dimmer must be assigned addresses. More specifically, they must be programmed to the same address in order for a number of these components to work together. After all components that require it are addressed, either the Daylight Maintain Level or the Minimum Light Level may need to be set for each address. This will be the case if either (1) there is a photocell hooked up to the power pack or (2) the drawings require a Minimum Light Level above 0%.

Centura™ Applications

DESIGN SCENARIOS

Since each Centura™ system is configured based on job-specific requirements, each application must be clearly defined before a Centura System can be designed. Applications can be broken down into different system scenarios geared towards achieving specific goals within a certain type of space.

For illustrative purposes, a closed room is defined as a typical room with a window to the outside. If installing an energy management system in a closed room with no such window, there is no need to include a photocell. On the other hand, we define an open space as a large area where there is little if any natural light — and often plenty of cubicles. In general the lack of wall space in such areas makes standard wall switches impractical and PC control desirable.

The chart below presents a number of typical Centura applications, and which Centura components you might need to do the job.

SAMPLE CENTURA APPLICATIONS	POWER PACK	OCCUPANCY SENSOR	PHOTOCELL	CONTROLLER + REMOTE	DIMMING CONTROLLER	SMARTJACK + SOFTWARE
1. Energy Management System with maximum user control for closed rooms	X	X	X	X		X
2. Basic Energy Management System for closed rooms	X	X	X		X	
3. Dimming System with maximum user control for closed rooms	X			X		X
4. Energy Management System for open spaces	X	X				X
5. Dimming System with maximum user control for open spaces	X			X		X

Application 1

In a closed room with at least one window to the outside, the fullest range of energy management features can be utilized: including a photocell and occupancy sensors. In an office where lighting needs may change with the task at hand — such as doing design work on a computer or projecting a presentation — automatic lighting control can be supplemented with a handheld remote control, a wall-mounted dimmer, as well as a Leviton Personal Dimmer on the computer.

Application 2

As long as there is a window to the outdoors every Centura energy management feature can be incorporated into the automatic lighting control system. The occupancy sensor and photocell take care of the automatic on/off as well as maintaining the Light Maintain Level. A CN221 controller is added to give the user the ability to set light levels and for the occasional, manual dim/bright or on/off adjustment. This scenario is ideal for offices where the user doesn't need to change the level often and energy savings are a goal.

Application 3

Suited to a basic room where the user wants full control over all lighting and an automated system IS NOT desired. For instance: an Art Director's office where a variety of light levels are necessary to perform daily tasks such as doing layout on the computer and making presentations to executives. Because no automation is required, this application requires no occupancy sensor or photocell. The user will have complete (including remote) control over all lighting without any unoccupied "timeouts" or automatic light adjustments.

Application 4

Ideal for the average cube farm or open space where the absence of walls makes it more practical for users to control lighting via computer. In this scenario, a Leviton Personal Dimmer is loaded onto each PC. Occupancy sensors are added to make sure that no load is inadvertently left on, therefore conserving energy and saving money. Leviton software can also be used by building management to track how individuals use lighting. This information can be used to devise methods for achieving even greater cost savings.

Application 5

In applications where automatic light adjustments are not required, Centura may be used simply as a comprehensive dimming system. In an open area, especially with cubicles, Centura is a superb choice because it provides a Leviton Personal Dimmer that can be loaded onto individual PCs. This allows occupants to adjust their lighting without having to walk across a large room to a wall switch that may be bunched up with so many other switches as to be hard to distinguish. The CN200 must be selected as a controller if remote controllability is also desired.

PHOTOCELL PLACEMENT

Installing a photocell can save electricity in any indoor space with windows or with substantial ambient light from adjacent indoor spaces. On the other hand, installing a photocell in a room without windows (especially an enclosed one) is of little value. In those applications where automatic light adjustments are desired, the placement of each photocell is a key factor in determining how daylight harvesting will work. Since light reflects off ceilings, walls, floors and furniture, ambient light levels can vary throughout different areas in a room. In order to ensure that lights brighten and dim appropriately, care must be taken in choosing a mounting location. Leviton recommends that the photocell be placed directly above the workspace where lighting is most critical. Tabletop or floor lamps can be used to supplement lighting. Only one photocell should be installed per power pack.

OCCUPANCY SENSOR SELECTION & PLACEMENT

Sensors can be mounted in the middle of walls, in corners, or on ceilings. In order to ensure motion is detected throughout an entire space, occupancy sensors must be intelligently placed. With a variety of models from which to choose, care should be taken to select the proper combination of sensors to cover an entire area with motion detection. Each sensor covers a specific pattern and square footage that must be taken into account. Additional factors include usage patterns, false-ons from nearby traffic, and airflow that can falsely register as motion. Additional information about Centura-compatible occupancy sensors can be found in the Occupancy Sensor section that follows.

Leviton provides a complimentary occupancy-sensor layout service. This service provides suggested sensor selection and placement on a customer's drawings in either paper or electronic form, along with a bill of material detailing the components necessary for that layout. E-mail oslayout@leviton.com to request this service.

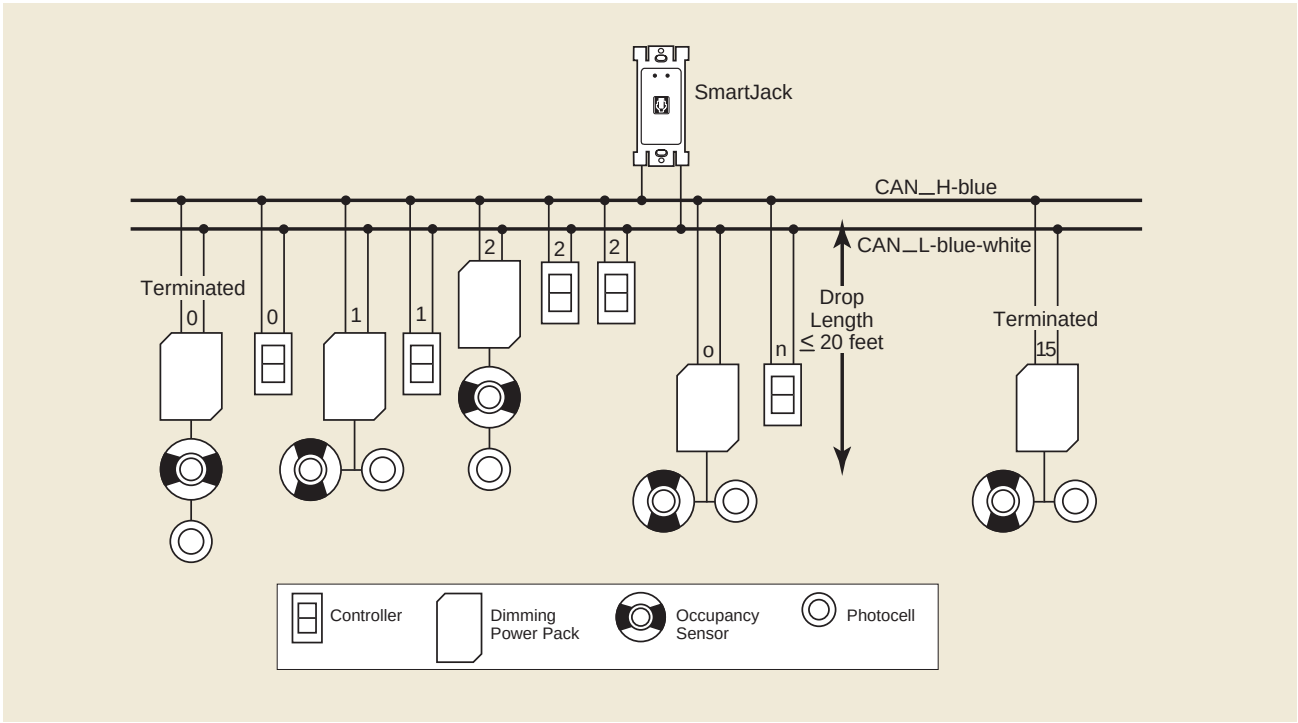
WIRING

LEVITON CONTROL NETWORK

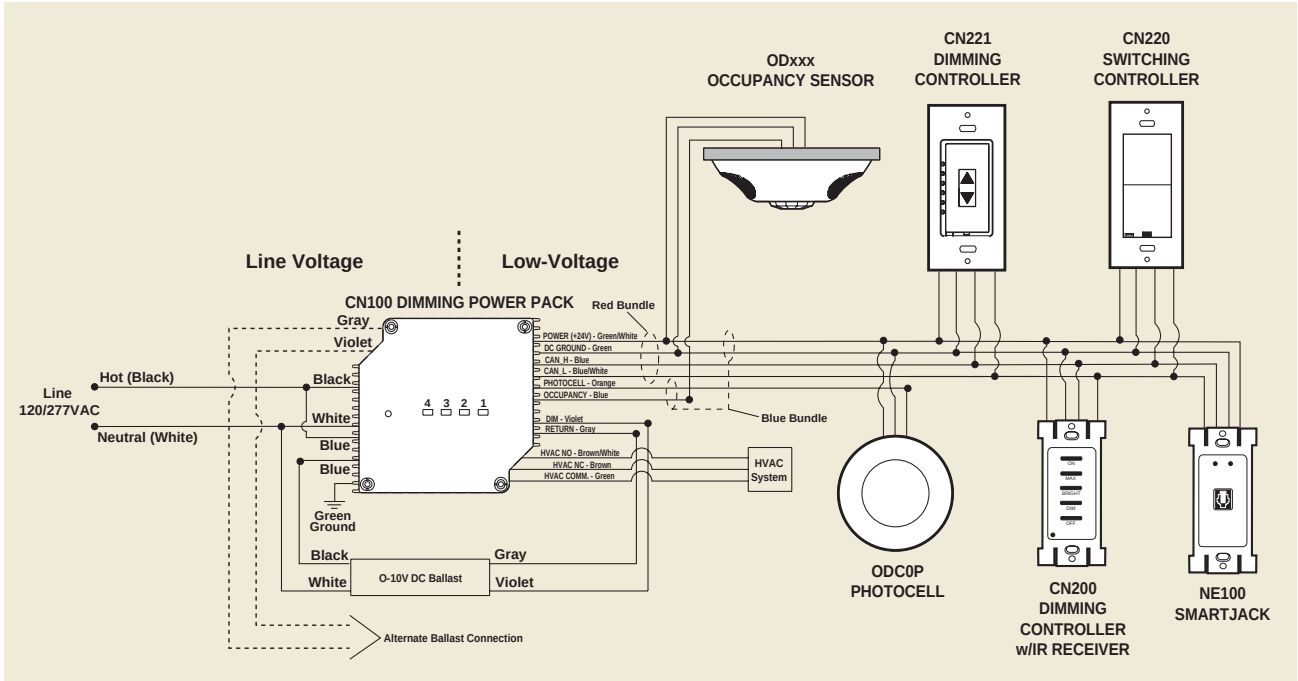
Before installing individual Centura™ components, low-voltage communication wiring (the LCnet) must be installed. Leviton recommends using stranded Cat-5 premise patch cable for best performance. Power Packs chosen as the first and last nodes on the bus must be terminated if the wiring between LCnet components is longer than 10 feet.

Note: Do not connect the 24VDC low voltage bus between two power packs.

LCnet Wiring Schematic



System Wiring Diagram

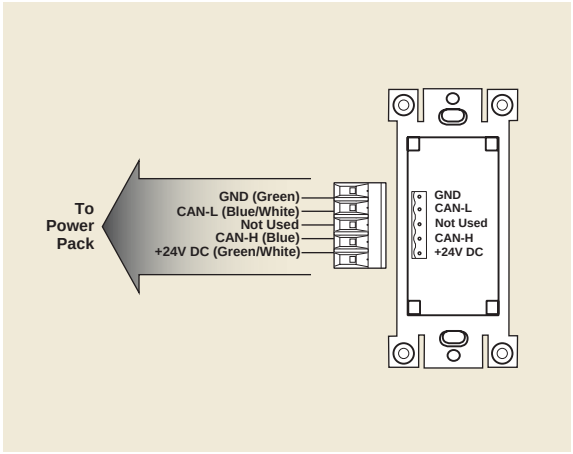


Centura™ Technical Information

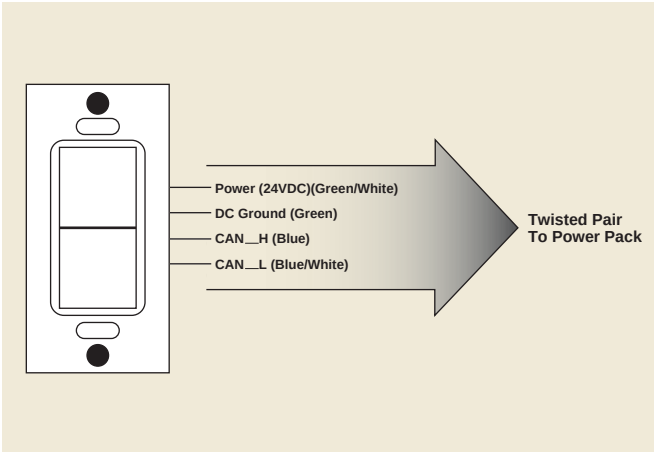
INDIVIDUAL COMPONENTS

The SmartJack is powered by a power pack. Because it is not associated with any single address on the LCnet, the SmartJack's power wires can be connected to whichever is the nearest power pack. We suggest that Controllers be wired to a power pack with the same address. Although it will function otherwise, powering Controllers from a pack within its own address makes troubleshooting and future expansion easier. *Additional information on Centura-compatible occupancy sensors, including wiring diagrams and mounting illustrations, can be found in the Occupancy Sensor section that follows.*

CN200 Dimming Controller and NE100 SmartJack Wiring Diagram



CN220/221 Controller Wiring Diagram



LOAD CAPACITY

Although numerous Centura peripherals (or components) in a multitude of combinations can be attached to the low-voltage bus, there is a limit to what can be attached to a single Centura Power Pack based on the pack's 500mA maximum load current. Most Centura components can be powered by ANY power pack because either its address determines which devices it talks to (as with controllers) or it listens to all messages (for example SmartJack). In contrast, occupancy sensors and photocells must be hardwired to a specific Centura Power Pack. Never connect two CN100 low-voltage power wires together.

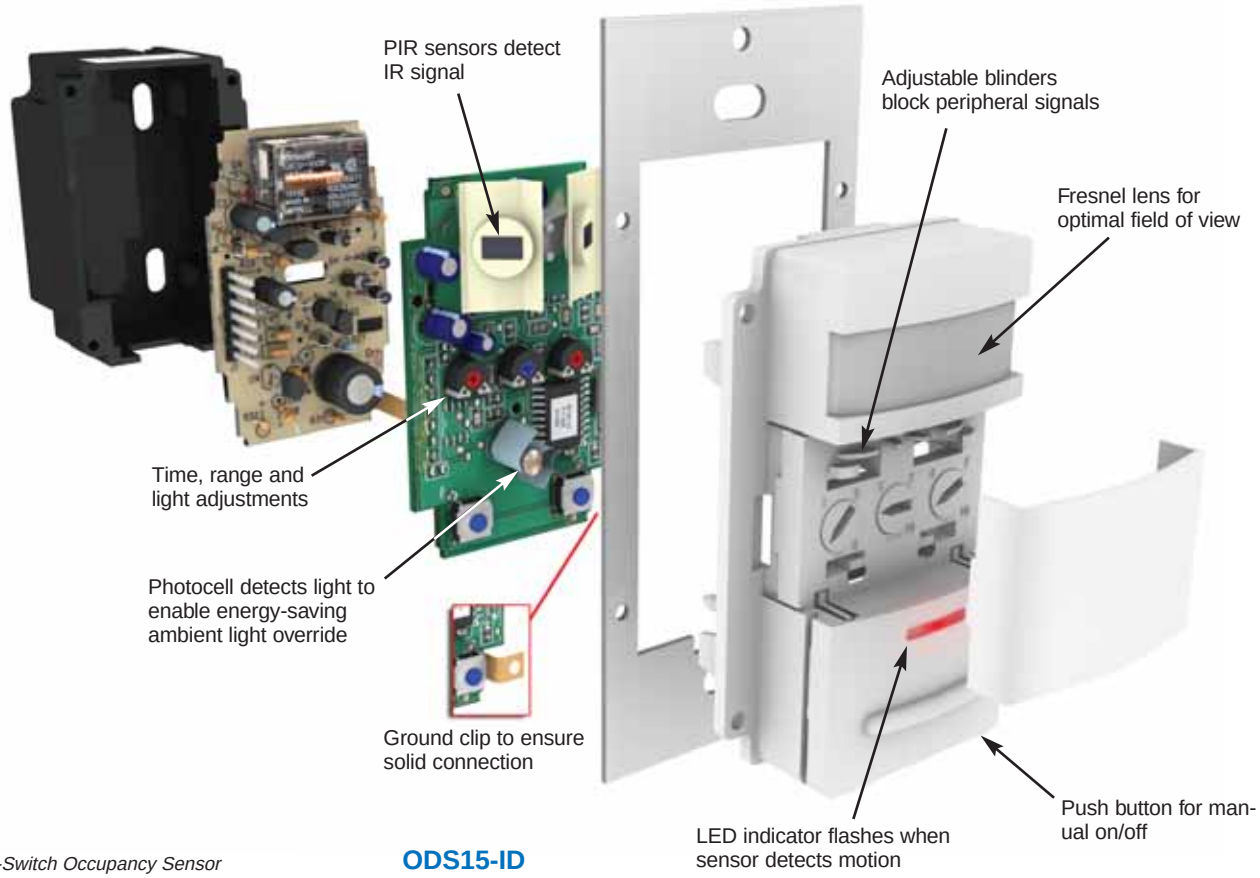
SOFTWARE

To use a PC to set up and store settings, the PC must be connected to a SmartJack wired to the LCnet and the following software modules must be installed: HTTP Server, LPDA, and LPD (optional). See www.leviton.com/centura for software updates.

Operating System Requirements: Windows 95/98/Me/2000*/NT 4.0 Service Pack 6*/XP* (*with administrative access); see www.leviton.com for latest OS compatibility.

LEVITON OCCUPANCY SENSOR LIGHTING CONTROLS

Leviton's wall and ceiling-mounted occupancy sensors use passive infrared and/or ultrasonic sensing technology to provide cost-effective lighting control. Leviton occupancy sensors can be used in everything from conference rooms to hallways and from restrooms to outdoor areas — turning lights on when motion is detected and off when it is not. Leviton's comprehensive line includes commercial and residential, wide-view and high-bay, dual-relay, and even outdoor models that span a broad range of coverage areas and patterns. Accessories, including cages and power packs, are available for many models.



Wall-Switch Occupancy Sensor

ODS15-ID

- **Advanced ultrasonic sensing technology for highly accurate small-motion monitoring**
- **Advanced passive infrared (PIR) technology for monitoring obstruction-free areas**
- **Adjustable delayed-off and/or self-adjusting delayed-off interval compensates for occupancy patterns—preventing unnecessary on/off switching**
- **Many with self-adjusting settings that continuously analyze and adjust for optimum performance**

Available Colors

All devices come in white. Wall-switch occupancy sensors may also come in ivory, almond, light almond and gray.

White *Ivory* *Almond* *Light Almomd* *Gray*

Occupancy Sensor Product Listing

DECORA® WALL-SWITCH INFRARED OCCUPANCY SENSORS

Convenient switch and occupancy sensor combo in sleek Decora® style unit. Advanced passive infrared technology provides highly accurate monitoring in a variety of commercial applications. The OSSMT Multi-Tech unit combines passive infrared and ultrasonic technologies to provide maximum sensitivity with immunity to false triggering.

SPECIFICATIONS & FEATURES

	ODS0D-ID	ODS0D-TD	ODS10	ODS15	PR150	PR180	OSSMT	OSSNL	OSS10	IPP15
• Ambient light override prevents lights from turning on when there is ample natural light (S = self adjusting)	S	S	X	S	X	X	X			
• Manual override turns lights on at any time regardless of override setting	X	X	X	X	X	X	X	X	X	X
• Dual pushbuttons provide manual ON/OFF switching for 2 separate banks from a single unit	X	X								
• Exclusive automatic "walk-through" sensing increases energy savings by shutting lights within 2-1/2 minutes after momentary occupancy	X	X		X			X			
• Unit beeps to indicate load is going to be switched off automatically	X	X	X							
• Choice of "Conference Room" or "Classroom" modes for maximum performance and energy savings in a variety of installations	X									
• Manual delayed-off-time settings: 5, 10, and 20 minutes, with 30-second test mode	X	X								
• Manual delayed-off-time settings: 10, 20, and 30 minutes, with 30-second test mode			X							X
• Manual delayed-off-time settings: 15 seconds to 15 minutes					X	X				
• Manual delayed-off-time settings: 30 seconds to 30 minutes							X		X	
• Manual delayed-off-time settings: 30 seconds, 30 minutes, 1 hour, 2 hours								X		
• Three-position service switch with off, auto, on	X	X		X						
• Single-pole and 3-way wiring						X	X			X
• Elegant Decora styling complements any interior, uses Decora wallplates	X	X	X	X	X	X	X	X	X	X
• Fits in standard wallbox; units may be ganged	X	X	X	X	X	X	X	X	X	X
• Night Light mode or "Guide Light" feature								X	X	
• Night Light dim feature								X	X	
• Adjustable integral blinders with 180° to 32° field-of-view	X	X	X	X			X	X	X	X
• Manual ON/Auto OFF operation for CEC Title 24 compliance	X	X	X	X			X		X	X

IDEAL FOR USE IN:

ODS0D-ID/ODS0D-TD— Classrooms, multimedia and conference rooms, day care centers, office, lounges

ODS10-ID — Enclosed areas: small offices, conference rooms, storage rooms, copy rooms, closets

ODS15-ID — Commercial areas: small offices, conference rooms, classrooms, stockrooms, lounges, restrooms, warehouses

PR150-1L — Wide variety of residential applications

PR180-1L — Large rooms, home offices, and a variety of light commercial and residential applications

OSSMT — Private and executive offices, conference rooms, storage areas, restrooms, classrooms, lounges, and training areas

OSSNL/OSS10 — Hotel restrooms, hospital restrooms, conference rooms, classrooms, small offices, lounges, storage areas, and bathrooms

IPP15 — Kitchens, bathrooms, laundry rooms and garages

TESTING & CODE COMPLIANCE

- UL Listed; Cat. No. ODS0D-ID is CUL/US Certified
- CSA Certified
- CEC Title 24 compliant (ODSXX, OSS10, OSSMT and IPP15 models only) and meets ASHRAE Standard 90.1 requirements
- Backed by a Limited Five-Year Warranty; Limited Two-Year Warranty on PR1XX models

Occupancy Sensor Product Listing

DECORA® WALL-SWITCH INFRARED OCCUPANCY SENSORS

Occupancy Sensors — COMMERCIAL GRADE

DESCRIPTION	CAT. NO.	RATING	COVERAGE	COLOR*
Decora Wall-Switch PIR Occupancy Sensor	**ODS10-ID**	Incandescent: 800W @ 120V. Fluorescent: 1200VA @ 120V, 2700VA @ 277V. For 60Hz AC only. Motor: 1/4HP @ 120V	180°, 2100SF	W, I, A, T, G
Decora Wall-Switch PIR Occupancy Sensor with Self-adaptive Technology	**ODS15-ID**	Incandescent: 1800W @ 120V. Fluorescent: 1800VA @ 120V, 4000VA @ 277V. Motor: 1/4HP @ 120V	180°, 2100SF	W, I, A, T, G
Dual-Relay Decora Wall-Switch PIR Occupancy Sensor with Self-Adaptive Technology. Default setting = Conference Room mode, alternate setting = Classroom mode**	**ODS0D-ID**	Primary Relay–Fluorescent: 1200VA @ 120V, 2700VA @ 277V; Incandescent: 800W @ 120V. Secondary Relay–Fluorescent: 800VA @ 120V, 1200VA @ 277V; Incandescent: 800W @ 120V	180°, 2100SF	W, I, A, T, G
Dual-Relay Decora Wall-Switch PIR Occupancy Sensor with Self-Adaptive Technology. Secondary relay provides manual ON only for CEC Title 24 compliance	**ODS0D-TD**	Primary Relay–Fluorescent: 1200VA @ 120V, 2700VA @ 277V; Incandescent: 800W @ 120V. Secondary Relay–Fluorescent: 800VA @ 120V, 1200VA @ 277V; Incandescent: 800W @ 120V	180°, 2100SF	W, I, A, T, G
Decora Wall-Switch PIR Occupancy Sensor with LED Night Light	**OSSNL-ID**	Incandescent: 800W @ 120V Fluorescent: 1200VA @ 120V, 2700VA @ 277V Motor: 1/8 HP @ 120V	180°, 1200 SF	W, I, A, T, G
CEC Title 24 Compliant Decora Wall-Switch PIR Manual-ON Sensor with LED Night Light	**OSS10-ID**	Incandescent: 800W @ 120V Fluorescent: 1200VA @ 120V, 2700VA @ 277V Motor: 1/8 HP @ 120V	180°, 1200 SF	W, I, A, T, G

Occupancy Sensors — RESIDENTIAL GRADE

DESCRIPTION	CAT. NO.	RATING	COVERAGE	COLOR*
Decora Manual-ON Occupancy Sensor, CEC Title 24 Compliant. Single-Pole, 3-Way or more when used with IPP0R Remote and/or Vizia™ Remotes and Remote Switches	**IPP15-1L**	Incandescent: 1800W. @ 120V. Fluorescent: 1800VA @ 120V. Motor: 1/4HP @ 120V	180°, 900SF	W, I, A, T
Decora Manual-ON Occupancy Sensor Remote. For use with IPP15 Sensor or Vizia Dimmers.	**IPP0R-1L**	120VAC–No load rating. For use with IPP15 or Vizia Dimmers	180°, 900SF	W, I, A, T
Decora Wall-Switch PIR Occupancy Sensor, Single-Pole	**PR150-1L**	Incandescent: 500W. Fluorescent: 400VA rapid start magnetic only @ 120VAC. Motor: 1⁄8HP @ 120VAC	150°, 350SF	W, I
Decora Wall-Switch PIR Occupancy Sensor, Single-Pole, 3-Way	**PR180-1L**	Incandescent: 500W. Fluorescent: 400VA rapid start magnetic only @ 120VAC. Motor: 1⁄8HP @ 120VAC	180°, 400SF	W, I

DECORA® WALL-SWITCH MULTI-TECH OCCUPANCY SENSORS

Occupancy Sensors — COMMERCIAL GRADE

DESCRIPTION	CAT. NO.	RATING	COVERAGE	COLOR*
Decora Wall-Switch Multi-Tech Occupancy Sensor with Self-adaptive Technology	**OSSMT-MD**	Incandescent/Tungsten: 800W @ 120V. Fluorescent: 1200VA @ 120V, 2700VA @ 277V Motor: 1/4HP @ 120V	180°, 1200 SF	W, I, A, T, G

** Add to end of catalog number suffix for color of switch: White (W), Ivory (I), Almond (A), Light Almond (T) and Gray (G). Wallplates sold separately.*

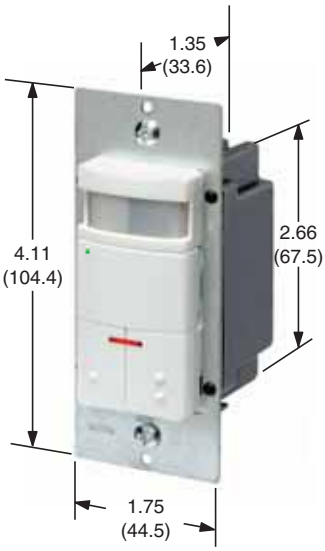
*** In Conference Room Mode, both primary and secondary relays respond to ambient light override. In Classroom Mode, primary relay responds only to ambient light override.*

NOTE: See Page N32 for wiring diagrams, Page N17 for dimensioned photos and Page N18 for Field of View

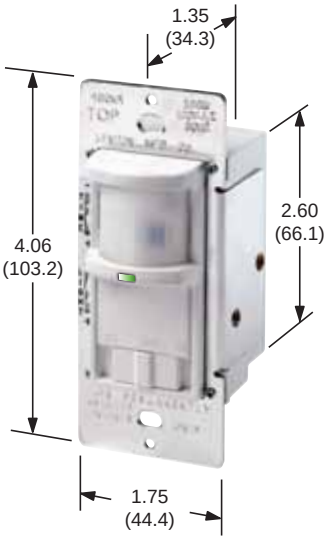
Occupancy Sensor Wall-Switch Dimensions

DECORA® WALL-SWITCH INFRARED OCCUPANCY SENSORS DIMENSIONS

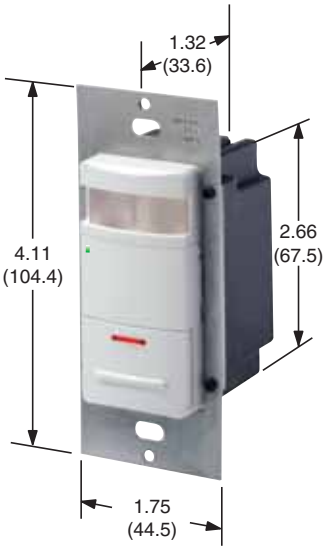
ODS10-ID/ODS15-ID/IPP15



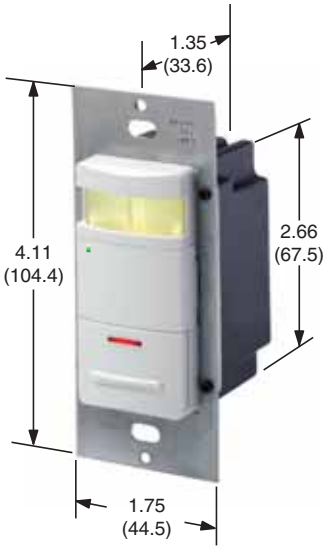
ODS0D-ID/ODS0D-TD



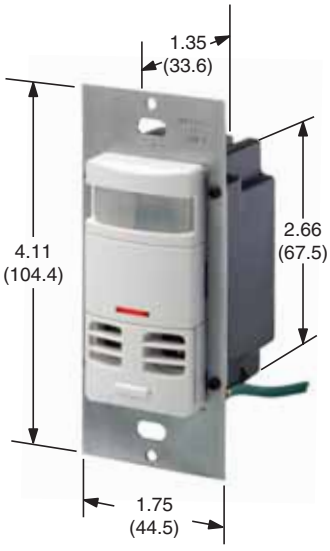
PR180-1L



OSSNL-ID/OSSI0-ID



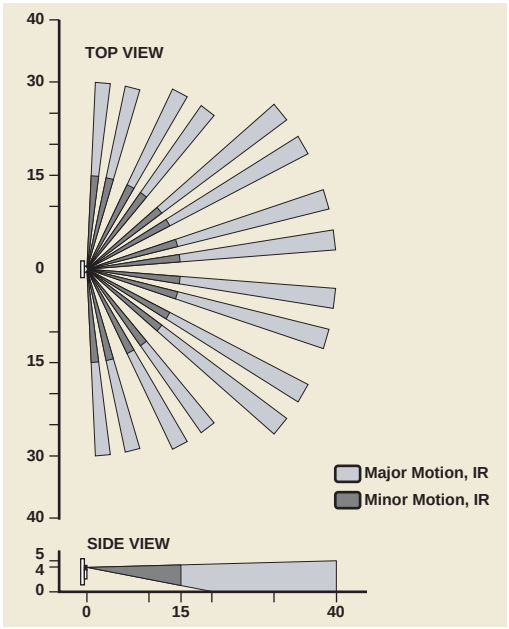
OSSNL-ID1/OSS10-ID
Shown with Night Light ON



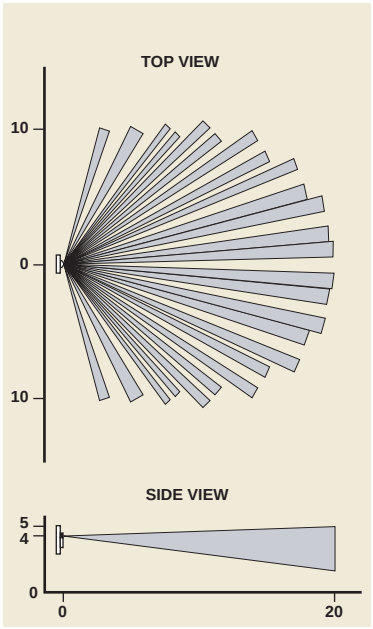
OSSMT-MD
Multi-Tech Sensor

Occupancy Sensor Wall-Switch Field of View

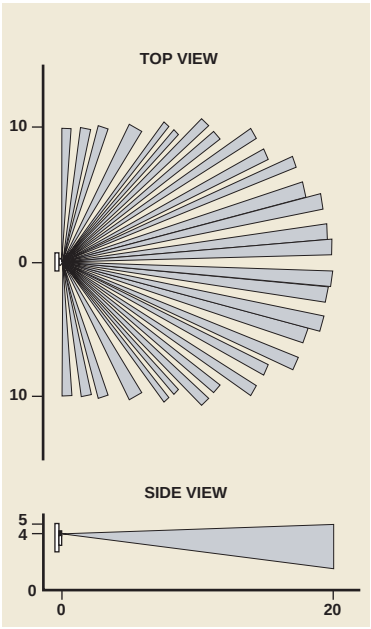
DECORA® WALL-SWITCH INFRARED OCCUPANCY SENSOR FIELDS OF VIEW



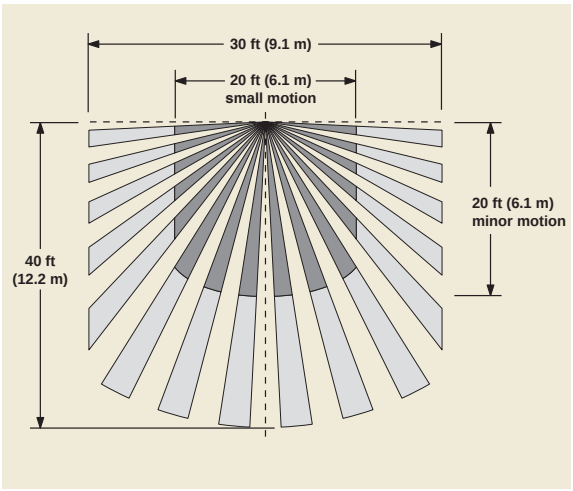
ODSXX-ID/ODS0D-TD Field of View (in feet)



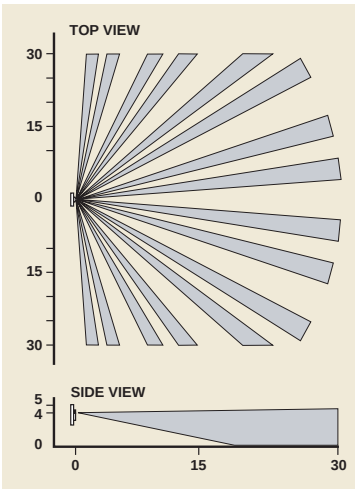
PR150-1L Field of View (in feet)



PR180-1L Field of View (in feet)



OSSNL/OSS10/OSSMT Field of View (in feet)



IPP15 Field of View (in feet)

Occupancy Sensor Product Listing

SELF-CONTAINED FIXTURE-MOUNT HIGH BAY SENSOR/POWER BASE ADAPTOR

SPECIFICATIONS & FEATURES

Fixture-Mount High Bay Occupancy Sensor

- Mounts directly to industrial-style fluorescent luminaires or electrical junction box
- Self-contained PIR sensor and relay turn individual fixtures ON/OFF based on occupancy
- Up to 40 ft mounting height
- Relay uses zero-crossing circuitry for enhanced reliability and long-life operation
- Delayed-OFF time adjustment from 30 sec to 20 min
- Cat. No. OSFOA-00W Offset Adapter Accessory snaps into 1/2" knockout to position sensor below fixture body for improved field of view with deep-body fixtures

Self-Contained Power Bases Adaptor

- Patent-pending design converts Leviton low-voltage ceiling sensors to line-voltage
- Ideal for both existing buildings with limited access to low-voltage wiring and new constructions with line-voltage circuiting only.
- Mounts easily in standard 2.125" deep x 4" octagon or 2.125" deep x 4" square electrical box with a 2-gang mud ring; flying leads provide fast line voltage connections
- Two-piece terminal block provides fast, easy low-voltage connections to the sensor
- Relay uses zero-crossing circuitry for enhanced reliability and long-life operation

Ideal For Use In:

OSFHB-1TW — Commercial facilities with high ceilings, including warehouses, manufacturing and others.

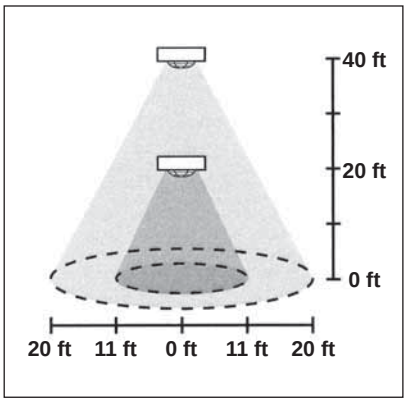
OPB15-0DW — Lavatories, remodels in hard ceiling spaces, energy conservation retrofits and any installation with limited access for low-voltage wiring.

TESTING & CODE COMPLIANCE

- UL and cUL Listed
- NOM Certified (OPB15-0DW)
- CEC Title 24 compliant
- Backed by a Limited Five-Year Warranty

OSFHB-ITW

OPB15-0DW



OSFHB Field of View

SELF-CONTAINED INFRARED FIXTURE-MOUNT HIGH BAY OCCUPANCY SENSOR

Occupancy Sensors

COMMERCIAL GRADE

DESCRIPTION	CAT. NO.	RATING	COVERAGE	COLOR
High Bay Fixture-Mount PIR Occupancy Sensor	**OSFHB-ITW**	Fluorescent: 800VA @ 120V, 1200VA @ 277V, 1500VA @ 347V Motor: 1/4HP @ 120V	360°, 1:1 space to mounting height	White
Offset Adaptor Accessory for High Bay Fixture-Mount Occupancy Sensor	**OSFOA-00W**	——	——	White

SELF-CONTAINED POWER BASE ADAPTOR

Occupancy Sensors

COMMERCIAL GRADE

DESCRIPTION	CAT. NO.	POWER INPUT/OUTPUT	RATING	COLOR
Power Base Adaptor — converts any Leviton low-voltage ceiling or wall-mount occupancy sensor to a self-contained line voltage unit	**OPB15-0DW**	Power Input: 120/277VAC Control Output: 24VDC, 40mA	15A Incandescent, Electronic or Magnetic Fluorescent Ballast, 3/4 HP @ 120V	White

For OSFHB-1TW and OPB15-0DW wiring diagrams, see page N33.

Occupancy Sensor Product Listing

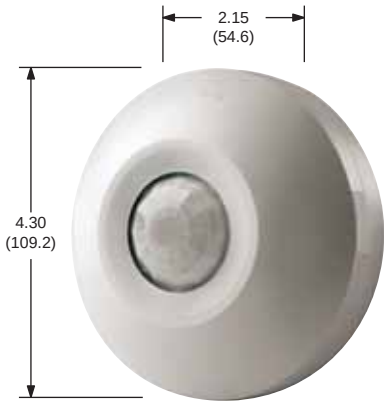
SELF-CONTAINED INFRARED CEILING-MOUNT OCCUPANCY SENSORS

SPECIFICATIONS & FEATURES

- Ideal for use in storage areas, small bathrooms, copy rooms, and a variety of small spaces without wall switches
- Sensor and switching relay combined in a single, self-contained unit — no control unit (power pack) required
- Ambient light override option prevents lights from turning on when there is ample natural light
- Adjustable delayed-off-time settings from 20 seconds (for test mode) to 15 minutes
- Small, unobtrusive self-contained unit

TESTING & CODE COMPLIANCE

- UL Listed and CSA Certified
- CEC Title 24 compliant and meets ASHRAE Standard 90.1 requirements
- Backed by a Limited Five-Year Warranty



ODC0S-I1W

COMMERCIAL GRADE

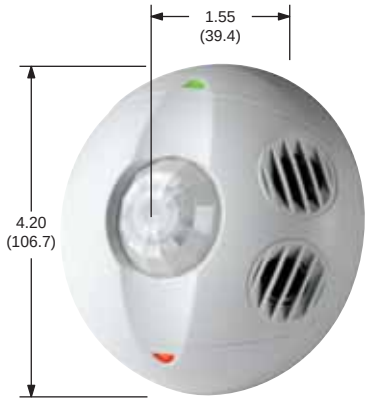
DESCRIPTION	CAT. NO.	RATING	COVERAGE	COLOR
Self-Contained Ceiling-Mount Infrared Occupancy Sensor and Switching Relay, 120V	**ODC0S-I1W**	Incandescent: 1000W @120V. Fluorescent: 1000VA @ 120V. Motor: 1HP @ 120V. For 60Hz AC only	360°, 530SF*	White
Self-Contained Ceiling-Mount Infrared Occupancy Sensor and Switching Relay, 220V	**ODC0S-I2W**	Incandescent: 1000W @220V. Fluorescent: 500VA @ 220V. For 50Hz AC only	360°, 530SF*	White
Self-Contained Ceiling-Mount Infrared Occupancy Sensor and Switching Relay, 277V	**ODC0S-I7W**	Fluorescent: 2700VA @277V. For 60Hz AC only	360°, 530SF*	White
Protective Cage	**ODCCG**	—	—	White

** When surface mounted on standard, 8-foot ceiling*

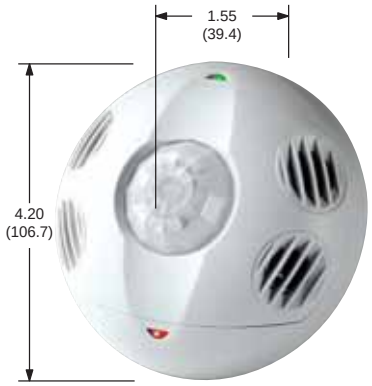
NOTE: See Page N33 for wiring diagrams.

ODCOS-I Field of View (in feet)

Occupancy Sensor Product Listing



OSC05-M0W



OSC20-M0W

NOTE: See Page N33 for wiring diagrams.

MULTI-TECHNOLOGY CEILING-MOUNT OCCUPANCY SENSORS

These advanced motion sensors combine infrared and ultrasonic technology for highly accurate monitoring without false triggers. All-digital self-adjusting technology provides “install and forget” solution for automatic lighting control. Available in a variety of coverage patterns to suit many applications. Use with Leviton Power Pack or, where compatible, with Centura Dimming Power Pack.

SPECIFICATIONS & FEATURES

- Ideal for use in classrooms, office areas with cubicles, cafeterias, and public areas in commercial facilities

Functional

- Ultrasonic sensing for maximum sensitivity combined with passive infrared (PIR) sensing to prevent false triggers from air conditioning and corridor activity
- Self-adjusting settings continuously analyze and adjust sensitivity, timer operation, and air current compensation for reliable, long-term performance
- Ambient light override to prevent lights from turning on when there is ample natural light
- Manual delayed-off-time settings of 30 seconds to 30 minutes
- Self-adjusting delayed-off-time interval settings for 30 seconds to 30 minutes
- Compensates for real-time occupancy patterns — preventing unnecessary on/off switching
- Non-volatile memory preserves all automatic and manual settings during power outages

Physical

- Small, unobtrusive unit blends in with any décor
- Fast, simple installation using 4 color-coded low-voltage wires and a single mounting post
- Compatible with Wiremold® surface raceways for mounting to hard ceilings

TESTING & CODE COMPLIANCE

- CUL/US, FCC and NOM Certified
- California Title 24 compliant and meets ASHRAE Standard 90.1 requirements
- Backed by a Limited Five-Year Warranty

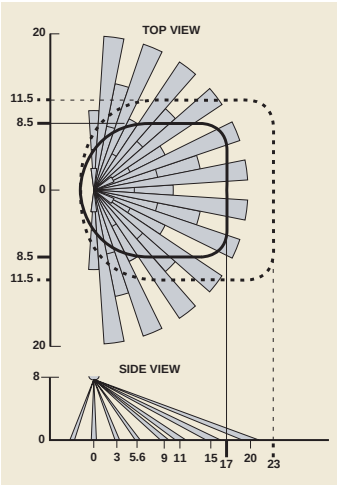
Major Motion, IR
Minor Motion, Ultrasonic
Major Motion, Ultrasonic

COMMERCIAL GRADE

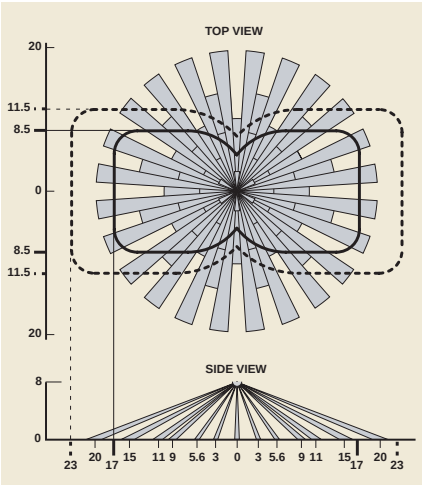
DESCRIPTION	CAT. NO.	OPERATING FREQUENCY	COVERAGE	COLOR
Multi-tech Ceiling-Mount Occupancy Sensor*	**OSC05-M0W**	40kHz	180°, 500SF	White
Multi-tech Ceiling-Mount Occupancy Sensor*	**OSC10-M0W**	40kHz	360°,1000SF	White
Multi-tech Ceiling-Mount Occupancy Sensor*	**OSC20-M0W**	32kHz	360°, 2000SF	White
Protective Cage	**ODCCG-000**	——	——	White

**Compatible with Centura Fluorescent Energy Management System.*

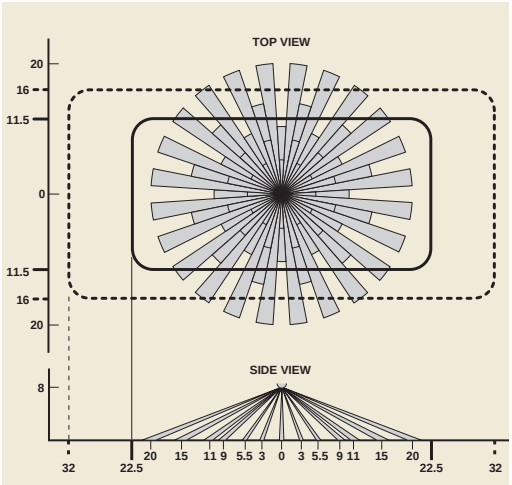
NOTE: Use low-voltage wiring to connect sensors to OSPXX Power Pack or if Centura-compatible, to a CN100 Power Pack (purchased separately). See Page N27 for information on OSP Power Packs.



OSC05-M0W Field of View (in feet)



OSC10-M0W Field of View



OSC20-M0W Field of View

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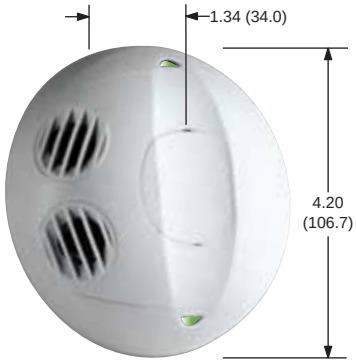
ULTRASONIC CEILING-MOUNT OCCUPANCY SENSORS

Advanced ultrasonic sensing technology for highly accurate monitoring, including small-motion detection. All-digital self-adjusting technology provides “install and forget” solution for automatic lighting control. Use with Leviton Power Pack or, where compatible, Centura Dimming Power Pack.



OSC05-U0W

OSC20-U0W

SPECIFICATIONS & FEATURES

- Ideal for restrooms, office areas with cubicles, warehouse and storage facilities, cafeterias, and public areas in commercial facilities

Functional

- Ultrasonic sensing for maximum range and sensitivity combined with accurate small-motion detection
- Self-adjusting settings continuously analyze and adjust sensitivity, timer operation, and air current compensation for reliable, long-term performance
- Ambient light override to prevent lights from turning on when there is ample natural light
- Manual delayed-off-time settings of 30 seconds to 30 minutes
- Self-adjusting delayed-off time interval settings for 30 seconds to 30 minutes. Compensates for real-time occupancy patterns — preventing unnecessary on/off switching
- Non-volatile memory preserves all automatic and manual settings during power outages

Physical

- Small, unobtrusive unit blends in with any décor
- Fast, simple installation using 4 color-coded low-voltage wires and a single mounting post
- Compatible with Wiremold® surface raceways for mounting to hard ceilings

TESTING & CODE COMPLIANCE

- CUL/US Certified
- Meets ASHRAE Standard 90.1 requirements
- Backed by a Limited Five-Year Warranty

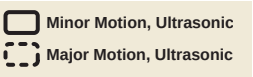
COMMERCIAL GRADE

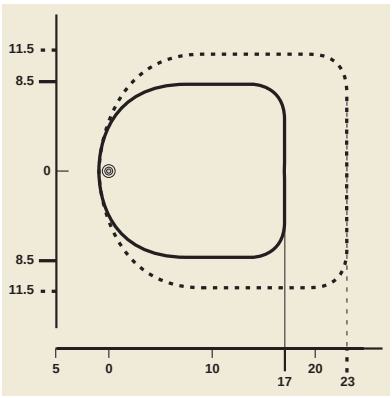
DESCRIPTION	CAT. NO.	OPERATING FREQUENCY	COVERAGE	COLOR
Ultrasonic Ceiling-Mount Occupancy Sensor*	**OSC05-U0W**	40kHz	180°, 500SF	White
Ultrasonic Ceiling-Mount Occupancy Sensor*	**OSC10-U0W**	40kHz	360°, 1000SF	White
Ultrasonic Ceiling-Mount Occupancy Sensor*	**OSC20-U0W**	32kHz	360°, 2000SF	White
Protective Cage	**ODCCG-000**	——	——	White

** Compatible with Centura Fluorescent Energy Management System.*

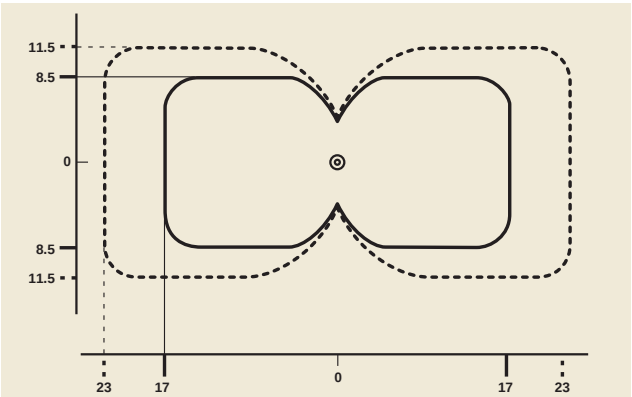
NOTE: Use low-voltage wiring to connect sensors to OSPXX Power Pack Power Pack or if Centura-compatible, to a CN100 Power Pack (purchased separately). See Page N25 for information on OSP Power Packs.

NOTE: See Page N27 for wiring diagrams.

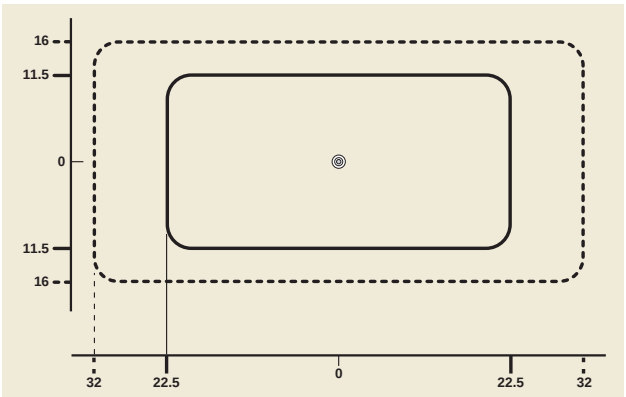




OSC05-U0W Field of View (in feet)



OSC10-U0W Field of View



OSC20-U0W Field of View

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Occupancy Sensor Product Listing

INFRARED CEILING-MOUNT OCCUPANCY SENSORS

SPECIFICATIONS & FEATURES

- Ideal for use in small offices, closets, open offices, and other areas in commercial facilities with unobstructed view of the sensor

Functional

- Self-adjusting settings continuously analyze and adjust sensitivity, timer operation, and long-term performance
- Ambient light override prevents lights from turning on when there is ample natural light
- Manual delayed-off-time settings of 30 seconds to 30 minutes
- Self-adjusting delayed-off-time interval settings for 30 seconds to 30 minutes. Compensates for real-time occupancy patterns — preventing unnecessary on/off switching
- Non-volatile memory preserves all automatic and manual settings during power outages

Physical

- Small, unobtrusive unit blends in with any décor
- Fast, simple installation using 4 color-coded low-voltage wires and a single mounting post
- Compatible with Wiremold® surface raceways for mounting to hard ceilings

OSC04-I0W

TESTING & CODE COMPLIANCE

- CUL/US Certified
- Meets ASHRAE Standard 90.1 requirements
- Backed by a Limited Five-Year Warranty

COMMERCIAL GRADE

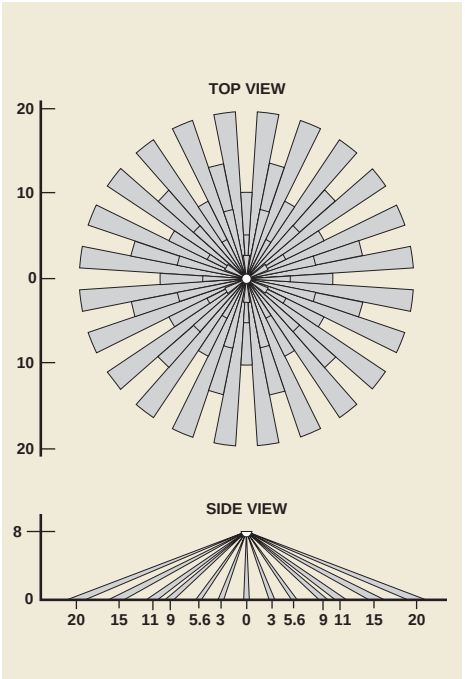
DESCRIPTION	CAT. NO.	COVERAGE	COLOR
Infrared Ceiling-Mount Occupancy Sensor*	**OSC04-I0W**	360°, 450SF	White
Infrared Ceiling-Mount Occupancy Sensor*	**OSC15-I0W**	360°, 1500SF	White
Protective Cage	**ODCCG-000**	——	White

**Compatible with Centura Fluorescent Energy Management System.*

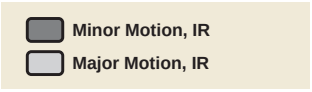
NOTE: Use low-voltage wiring to connect sensors to OSPXX Power Pack or if Centura-compatible, CN100 Power Pack (purchased separately). See Page N27 for information on OSP Power Packs.

NOTE: See Page N33 for wiring diagrams.

OSC04-I0W Field of View (in feet)



OSC15-I0W Field of View



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MULTI-TECHNOLOGY WALL-MOUNT OCCUPANCY SENSORS

SPECIFICATIONS & FEATURES

- Ideal for conference rooms, stairwells, high-ceiling rooms, open areas, storage rooms, and classrooms — including corner mounting in a variety of applications
- Ultrasonic sensing for maximum sensitivity combined with passive infrared (PIR) sensing to prevent false triggers from air conditioning and corridor activity
- Adjustable swivel neck rotates 80° vertically and 60° horizontally. Can be used for ceiling or wall mounting
- Self-adjusting settings continuously analyze and adjust sensitivity, timer operation, and air current compensation for reliable, long-term performance
- Ambient light override to prevent lights from turning on when there is ample natural light
- Manual delayed-off-time settings of 30 seconds to 30 minutes
- Self-adjusting delayed-off-time interval settings of 30 seconds to 30 minutes. Compensates for real-time occupancy patterns, preventing unnecessary on/off switching
- Non-volatile memory preserves all automatic and manual settings during power outages
- Fast, simple installation using 3 color-coded low-voltage wires and a single mounting post

OSW12-M0W

TESTING & CODE COMPLIANCE

- CUL/US Certified
- Meets ASHRAE Standard 90.1 requirements
- Backed by a Limited Five-Year Warranty

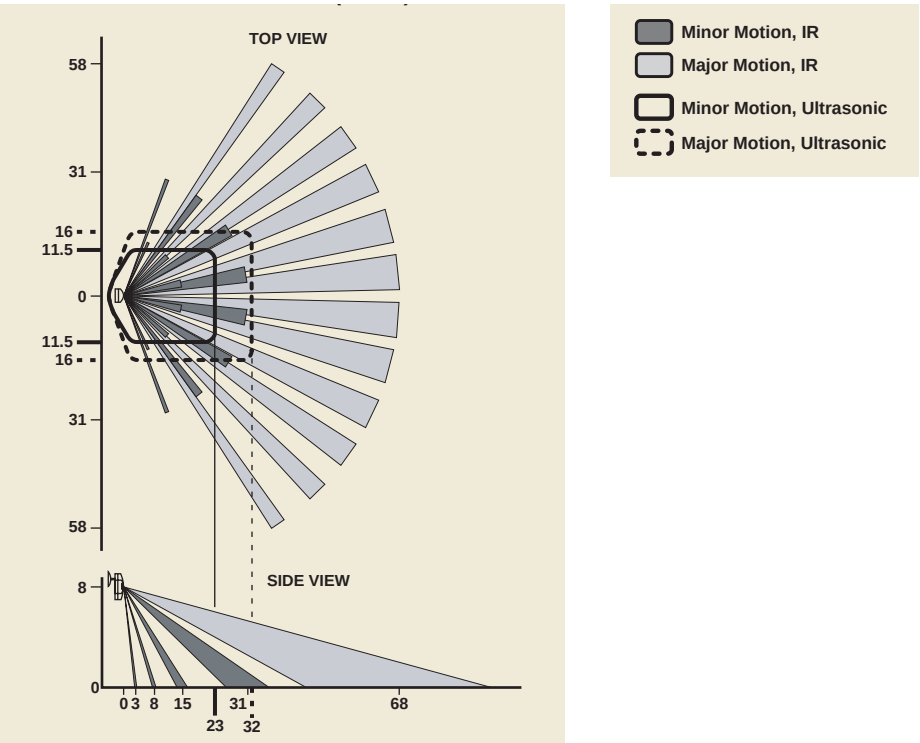
COMMERCIAL GRADE

DESCRIPTION	CAT. NO.	OPERATING FREQUENCY	COVERAGE	COLOR
Multi-tech Wall-Mount Occupancy Sensor *	**OSW12-M0W**	32kHz	115°, 1200SF	White

**Compatible with Centura Fluorescent Energy Management System.*

NOTE: Use low-voltage wiring to connect sensors to OSPXX Power Pack or if Centura-compatible, to a CN100 Power Pack (purchased separately). See Page N27 for information on OSP Power Packs.

NOTE: See Page N34 for wiring diagrams.



OSW12-M0W Field of View (in feet)

Occupancy Sensor Product Listing

INFRARED INDOOR WALL-MOUNT OCCUPANCY SENSORS

Advanced PIR technology for highly accurate monitoring. All-digital self-adjusting technology provides “install and forget” solution for automatic lighting control. Use with Leviton Power Pack or, where compatible, Centura Dimming Power Pack.

SPECIFICATIONS & FEATURES

- OSWWV-I: Ideal for conference rooms, stairwells, high-ceiling rooms, large open areas, parking garages, storage rooms, and rooms with pendant fixtures. Also ideal for corner mounting
- OSWHB-I & OSWLR-I: Ideal for monitoring long, narrow spaces such as warehouse aisles, hallways, closets, and storage areas. Also ideal for corner mounting
- Self-adjusting settings continuously analyze and adjust for optimum performance
- Adjustable swivel neck rotates 80° vertically and 60° horizontally. Can be used for ceiling or wall mounting
- Ambient light override prevents lights from turning on when there is ample natural light
- Manual delayed-off-time settings of 30 seconds to 30 minutes
- Self-Adjusting delayed-off-time interval settings for 30 seconds to 30 minutes. Compensates for real-time occupancy patterns — preventing unnecessary on/off switching
- Non-volatile memory preserves all automatic and manual settings during power outages
- Fast, simple installation using 3 color-coded low-voltage wires and a single mounting post

TESTING & CODE COMPLIANCE

- CUL/US Certified
- Meets ASHRAE Standard 90.1 requirements
- Backed by a Limited Five-Year Warranty

OSWWV-I0W

Occupancy Sensor Product Listing

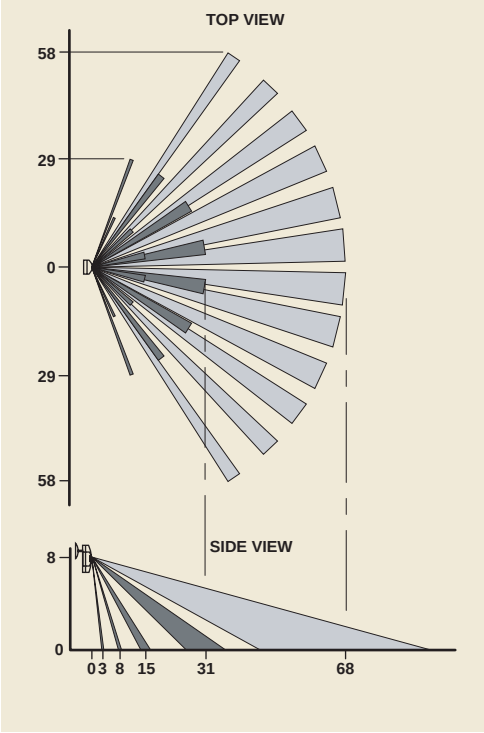
WIDE-VIEW, HIGH-BAY & LONG RANGE INFRARED WALL-MOUNT OCCUPANCY SENSORS

DESCRIPTION	CAT. NO.	COVERAGE	COLOR
Wide-View Infrared Wall-Mount Occupancy Sensor*	**OSWWV-I0W**	115°, 2500SF	White
High-Bay Infrared Wall-Mount Occupancy Sensor*	**OSWHB-I0W**	55 ft., 7 ft. wide @ 30 ft. high	White
Long-Range Infrared Wall-Mount Occupancy Sensor*	**OSWLR-I0W**	100ft., 110° @ 10ft. high	White

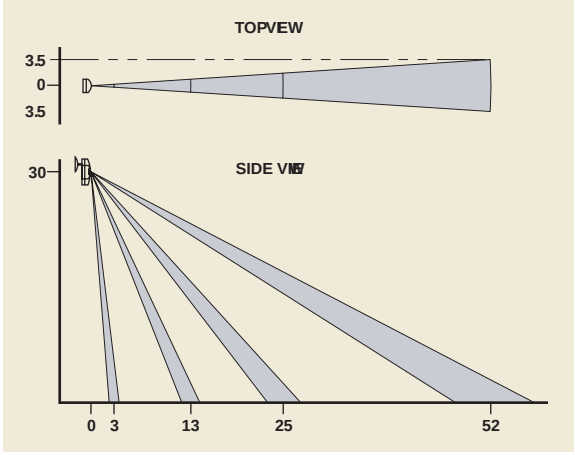
*Compatible with Centura Fluorescent Energy Management System.

NOTE: Use low-voltage wiring to connect sensors to OSPXX Power Pack or if Centura-compatible, to a CN100 Power Pack (purchased separately). See Page N27 for information on OSP Power Packs.

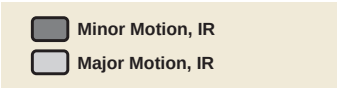
NOTE: See Page N34 for wiring diagrams.

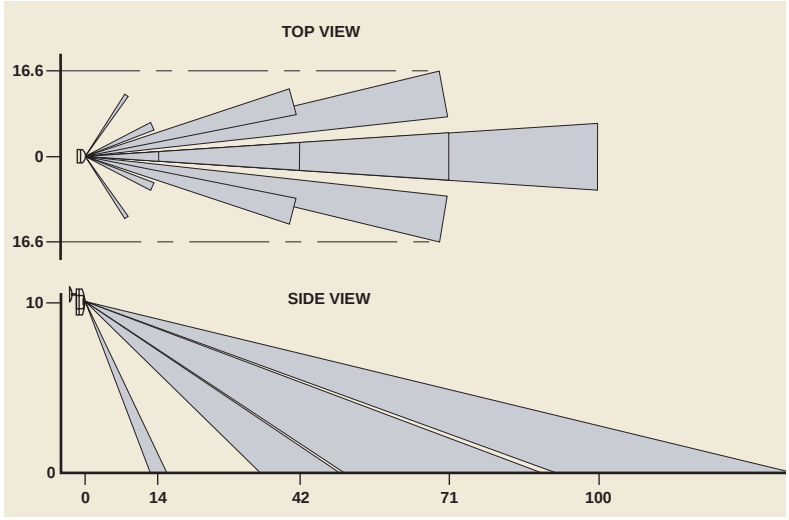


OSWWV Field of View (in feet)



OSWHB Field of View





OSWLR Field of View

Occupancy Sensor Product Listing

OCCUPANCY SENSOR POWER PACKS

Power packs provide power for occupancy sensors as well as load switching circuitry. A Leviton Power Pack is required with any low voltage occupancy sensor. Add-A-Relay units can be used to expand control capability.

OSP20-RD0

SPECIFICATIONS & FEATURES

Power Pack

- For use with all OS Series occupancy sensors
- Power supply for OS Series occupancy sensors
- Switches incandescent, magnetic and electronic fluorescent, magnetic and electronic low voltage, and motor loads
- Compact size and light weight allows easy mounting through knockout in junction box (from either inside or outside the box) with a simple twist-on nut

Add-A-Relay

- Expands power pack load capacity by functioning as a supplementary relay
- Provides ability to switch loads in different voltage systems
- Compatible with electronic ballasts
- Same compact size and mounting features as Power Pack

Nipple Adapter

- Simplifies the connection of occupancy sensor to the low-voltage side of a power pack mounted inside a fluorescent ballast cavity
- 1/2" conduit lock nut included

TESTING & CODE COMPLIANCE

- CUL/US, FCC and NOM Certified
- Meets ASHRAE Standard 90.1 requirements
- Backed by a Limited Five-Year Warranty

Power Packs and Accessories

COMMERCIAL GRADE

DESCRIPTION	CAT. NO.	POWER INPUT	RELAY RATING	CONTROL INPUT	POWER SUPPLY OUTPUT
Power Pack	**OSP20-0D0**	120/220/277VAC, 60Hz	20A Fluorescent/Incandescent @ 120V, 20A Fluor.@ 277V; 1HP @120V, 2HP @ 240V	5mA, 24VDC	150mA, 24VDC
Power Pack with HVAC relay	**OSP20-RD0**	120/220/277VAC, 60Hz	20A Fluorescent/Incandescent @ 120V, 20A Fluor.@ 277V; 1HP @ 120V, 2HP @ 240V; HVAC: 0.5A @ 125VAC, 1A @ 30VDC	5mA, 24VDC	150mA, 24VDC
Power Pack with HVAC relay	**OSP15-R30**	347VAC, 60Hz	15A Fluorescent @ 347V; 1HP @ 120V, 2HP @ 240V; HVAC: 0.5A @ 125VAC, 1A @ 30VDC	5mA, 24VDC	120mA, 24VDC
Add-A-Relay Unit with HVAC relay	**OSA20-R00**	——	15A Incandescent @120V, 20A Fluorescent @120V, 20A Fluor. @ 277V, 15A Fluor. @ 347V; HVAC: 0.5A @ 125VAC, 1A @ 30VDC	5mA, 24VDC	——
Low-Voltage Nipple Adapter with 1/2" Lock Nut for Power Pack and Add-A-Relay units				**OSPNA-000**	

Power Pack Capacity Formula

Leviton power packs can be used to provide power to one or more occupancy sensors. Since current consumptions of occupancy sensors may vary, the best way to ensure you order the correct number of power packs and add-a-relays is by using this formula:

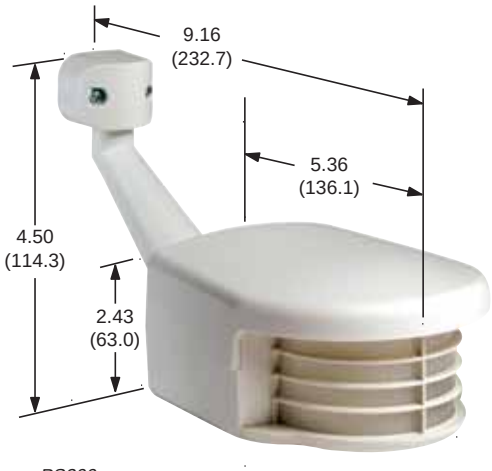
# of sensor Model As X Sensor A current consumption rating	+	# of sensor Model Bs X Sensor B current consumption rating…	+	# of Add a Relays X 50mA	≤ 150mA per power pack

SENSOR	CURRENT CONSUMPTION
OSC04-I, OSC15-I, OSWHB-I, OSWLR-I, OSWWV-I	20mA
OSC05-M, OSC05-U, OSW12-M	30mA
OSC20-M, OSC20-U	32mA
OSC10-M, OSC10-U	40mA
OSA20-R00 Add a Relay	50mA

Occupancy Sensor Product Listing

OUTDOOR MOTION SENSORS

Passive Infrared (PIR) outdoor motion sensors provide outstanding value in security lighting, as well as convenience, safety and energy savings for a wide range of commercial and residential applications.



PS200

SPECIFICATIONS & FEATURES

Professional Series

- Ideal for a wide range of commercial/industrial settings including parking areas, storage facilities, warehouses, loading docks, marina, garages, walkways, campus grounds, meat lockers, walk-in refrigerators/freezers, and outbuildings
- Adjustable sensitivity and immunity to RFI signals reduces false triggers
- Ambient light override prevents lights from turning on when there is ample natural light
- Surge suppression minimizes likelihood of damage due to electrical surges
- Temperature compensation feature ensures uniform performance in extreme hot or cold weather and during temperature fluctuations

Residential Series

- Ideal for a wide range of residential settings including backyards, garages, entranceways, porches, swimming pool areas, doorways, and private docks
- Adjustable sensitivity reduces false triggers

Both Series

- Sensor neck adjustment allows accurate monitoring: 110° vertical, 180° horizontal, 110° rotational
- With or without with dual floodlight lampholder
- Adjustable delayed-off-time settings from 20 seconds (for test mode) to 15 minutes
- Provides automatic, test and continuous modes. Test mode simulates automatic operation with short delayed-off-time for easy adjustments. Continuous mode enables manual override for constant “lights on” operation (when used with standard on/off switch)

TESTING & CODE COMPLIANCE

- UL Listed and CSA Certified
- Meets ASHRAE Standard 90.1 requirements
- Backed by a Limited Five-Year Warranty

Occupancy Sensor Product Listing

OUTDOOR MOTION SENSORS

Professional Series

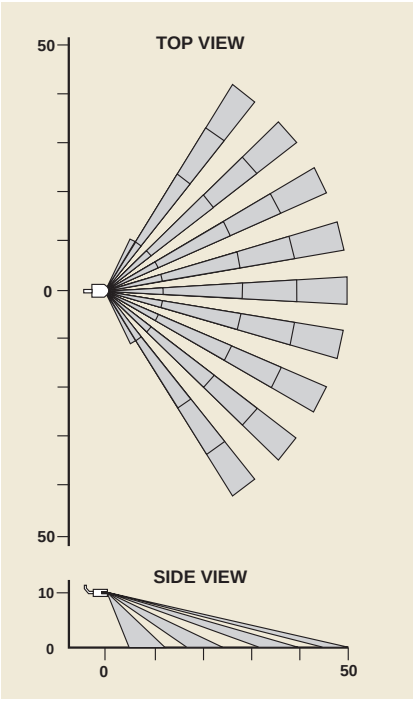
COMMERCIAL GRADE

DESCRIPTION	CAT. NO.	RATING	COVERAGE	COLOR
Outdoor PIR Motion Sensor	**PS200-10**	Incandescent: 1000W @ 120V. Fluorescent/Inductive: 500VA @ 120V. For 60Hz AC only	200°	White
Outdoor PIR Motion Sensor with Dual Floodlight Lampholder	**PS200-1F**	Same as Above	200°	White
Outdoor PIR Motion Sensor	**PS110-10**	Same as Above	110°	White
Outdoor PIR Motion Sensor with Dual Floodlight Lampholder	**PS110-1F**	Same as Above	110°	White

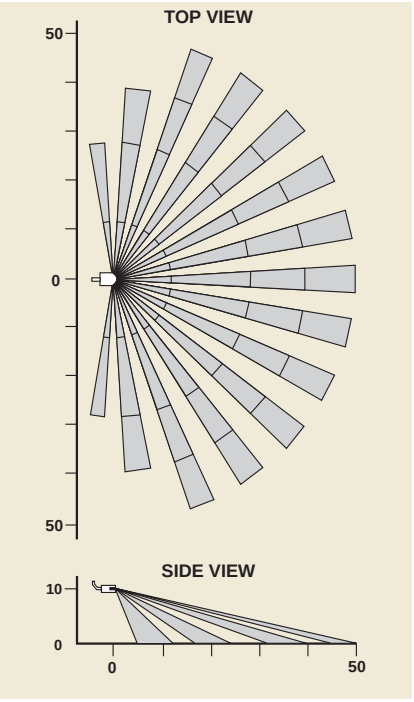
Residential Series

RESIDENTIAL GRADE

DESCRIPTION	CAT. NO.	RATING	COVERAGE	COLOR
Outdoor PIR Motion Sensor	**RS110-10W**	Incandescent: 500W @ 120V. Fluorescent/Inductive: 500VA @ 120V. For 60Hz AC only	110°	White
Outdoor PIR Motion Sensor with Dual Floodlight Lampholder	**RS110-1FW**	Incandescent: 500W @ 120V. Fluorescent/Inductive: 500VA @ 120V. For 60Hz AC only	110°	White



PS110/RS110 Field of View (in feet)



PS200 Field of View

Occupancy Sensor Applications

UNDERSTANDING SENSOR CATALOG NUMBERS

First 2 Letters	3rd Character: type of product	Last 2 Characters	–	1st Character of Suffix: sensor technology	2nd Character of Suffix: voltage	3rd Character of Suffix: color
OS = Occupancy Sensor OD = Occupancy Detector	C = Ceiling Mount W = Wall Mount P = Power Pack A = Add-A-Relay S = Switch Replacement F = Fixture Mount 0 = N/A	04 = 400sf 05 = 500sf or 5A 10 = 1000sf or 10A 12 = 1200sf 15 = 15A 20 = 2000sf 0D = Dual relay 0S = Self-contained CG = Cage HB = High Bay LR = Long Range NA = Nipple Adapter RA = Raceway Adapter WV = Wide View		I = Infrared M = Multi-technology R = Relay (HVAC) T = California Title 24 Compliant U = Ultrasonic 0 = N/A	1 = 120V 2 = 230V 3 = 347V 7 = 277V D = Dual Voltage 120/277V 0 = N/A	W = White I = Ivory A = Almond T = Light Almond G = Gray B = Brown 0 = N/A

ABOUT SENSING TECHNOLOGIES

Passive Infrared (PIR)
Infrared occupancy sensors are passive devices designed to detect the movement of heat-emitting bodies. They are installed to monitor areas where there are no physical obstructions to block the sensor's field of view. HOW IT WORKS: People naturally emit a small amount of infrared heat. As a person passes through the field of view, the sensor detects the motion as a change in the infrared background and responds by switching on area lights. After the field of view is unoccupied for a user-defined delayed-off time, the sensor will automatically turn off the lights.

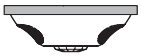
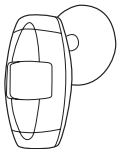
Ultrasonic (US)
Ultrasonic sensing technology provides highly accurate small-motion detection. Leviton sensors employing ultrasonic technology are well suited to monitoring areas, especially smaller or narrow ones, with inanimate objects (such as furniture) that block the line of sight and hence are likely to block the field of view of PIR sensors. They are also ideal where more sensitive detection is required. HOW IT WORKS: Ultrasonic occupancy sensors generate high frequency sound waves beyond the capability of human hearing, due to the Doppler Effect. These controls are active: continually emitting sound waves and monitoring changes in the return time of the reflected sound waves. Movement in the sound wave field causes a change in wave frequency and the sensor responds by switching on area lights. When the change in frequency is no longer detected after a delayed-off time, the sensor turns off the lights. Leviton ultrasonic sensors operate at a frequency outside the range of most hearing aid products and will not interfere with their ability to operate properly.

Multi-technology
Multi-technology occupancy sensors combine ultrasonic sensing for maximum sensitivity with PIR technology to prevent false triggers from air conditioning and corridor activity. These sensors are ideal for large, open areas including office areas with cubicles, general workspaces, warehouse and storage facilities, cafeterias, and public areas in commercial facilities. HOW IT WORKS: Leviton multi-technology sensors utilize both sensor technologies to determine when to turn the lights off.

Adaptive Definition
A dedicated internal microprocessor continually analyzes the room environment and adjusts itself automatically. The internal timer, detection sensitivity and thresholds are automatically adjusted. Once installed, a sensor incorporating adaptive technology should never require manual adjustment or calibration.

Occupancy Sensor Applications

ABOUT DIFFERENT SENSOR DESIGNS

Sensor Type	When to Use
Wall-Switch	When you don't want to install a separate device, choose this sensor because it replaces an existing wall switch. Get both occupancy sensing and manual on/off switching in a single device.
Ceiling-Mount 	For 180° or 360° coverage of an area (360° sensor shown).
Wall-Mount 	For coverage of irregularly shaped areas and those with varying ceiling heights, as well as narrow hallway and high-bay corridor applications. For detection in spaces outside the field of view of other occupancy sensors. Can be pointed in different directions.

SELECTION & PLACEMENT

Sensors can be mounted in the middle of walls, in corners, or on ceilings. Occupancy sensors must be intelligently placed in order to ensure that motion is detected throughout an entire space. With a variety of models from which to choose, care should be taken to select the proper combination of sensors to cover an entire area with motion detection.

Factors to consider before selecting and placing an occupancy sensor include:

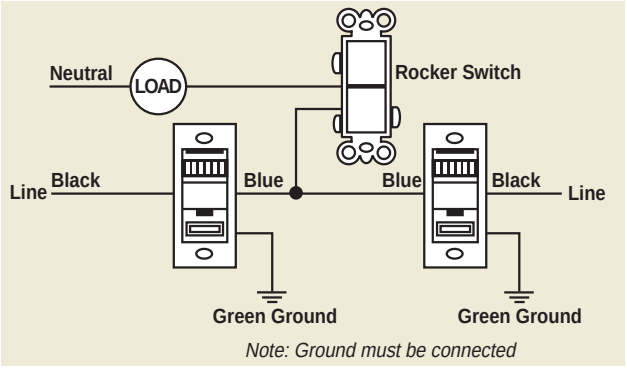
- Size and shape of area needing coverage compared to ranges of occupancy sensors
- Obstacles that may block the sensor's line of sight
- How much activity there is in a space
- Ceiling height
- Airflow that can falsely register as motion
- Location of HVAC ducts

Select a Centura-compatible occupancy sensor when installing an occupancy sensor within a Centura Energy Management System. In this case, the CN100 Power Pack provides power to the occupancy sensor (no OSPXX is required). Please note that Centura's Dimming Power Pack also has its own built-in HVAC relay.

Leviton's Lighting Management Systems Division provides a complimentary occupancy-sensor layout service. This service provides suggested sensor selection and placement on a customer's drawings in either paper or electronic form, along with a bill of material detailing the components necessary for that layout. Send an e-mail to oslayout@leviton.com to request this service.

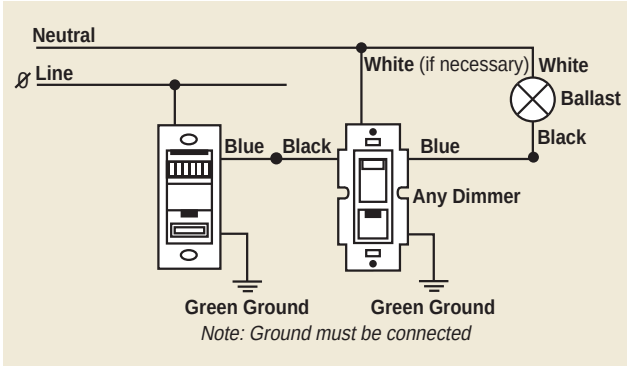
APPLICATION WIRING DIAGRAMS

Two Occupancy Sensors Controlling One Load (manual override off)



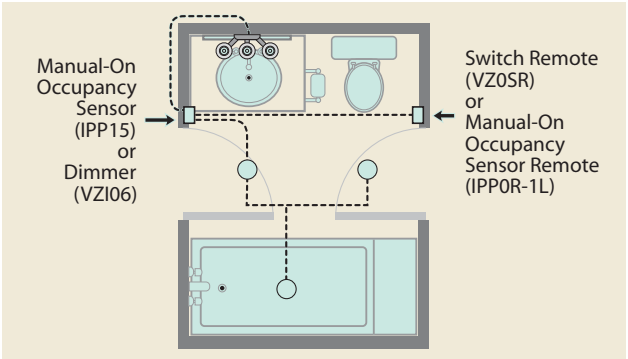
Note: Ground must be connected

Occupancy Sensor and Dimmer Controlling One Load (manual override off)



Note: Ground must be connected

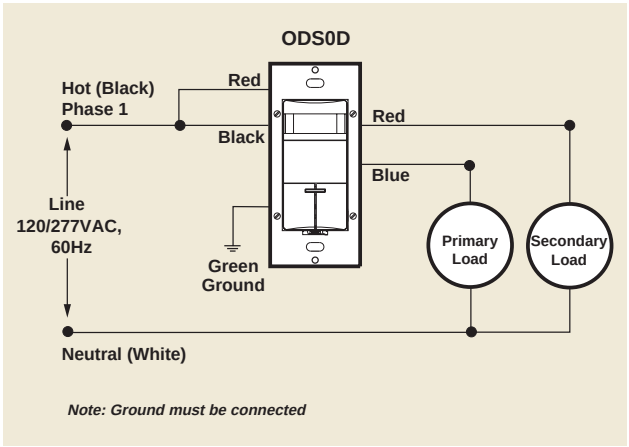
3-Way applications for Manual-On Occupancy Sensor, Remote and Vizia Devices



WIRING DIAGRAMS

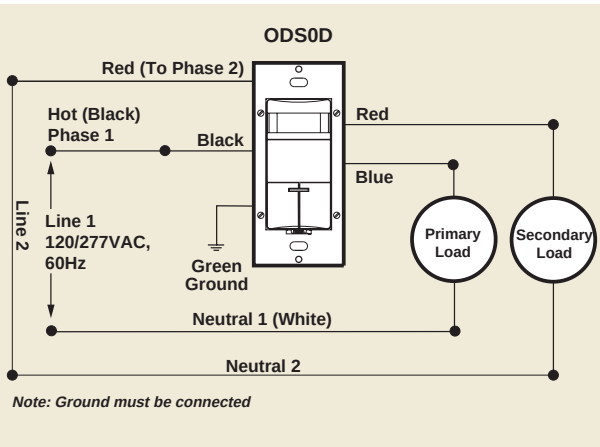
WALL-SWITCH OCCUPANCY SENSORS

ODS0D Wall-Switch Occupancy Sensor Wiring Diagram (For Single Pole, Single Phase Applications)



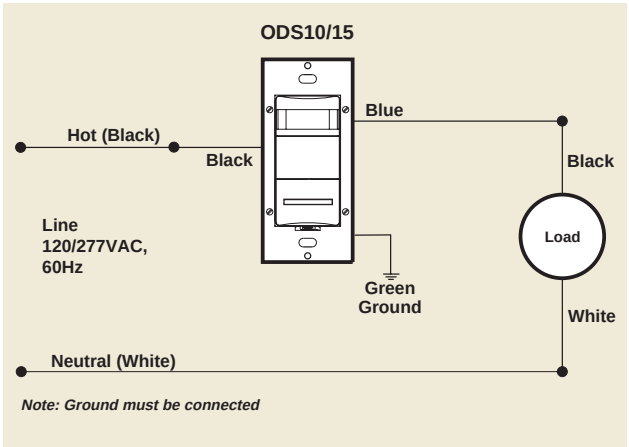
Note: Ground must be connected

ODS0D Wall-Switch Occupancy Sensor Wiring Diagram (For Single Pole, Two Phase Applications)



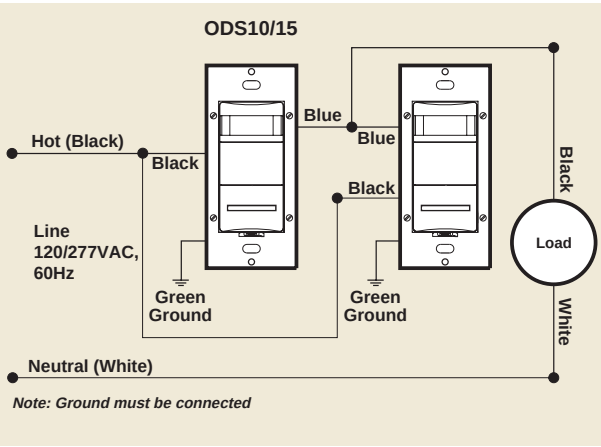
Note: Ground must be connected

ODS10/15 Wall-Switch Occupancy Sensor Wiring Diagram, Single Location Control



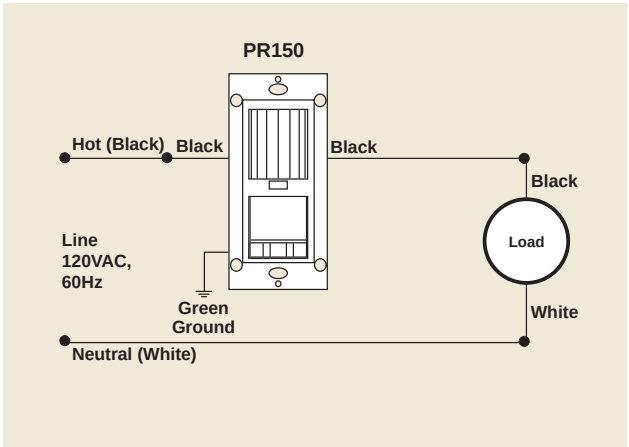
Note: Ground must be connected

ODS10/15 Wall-Switch Occupancy Sensor Wiring Diagram, Two-Location Control

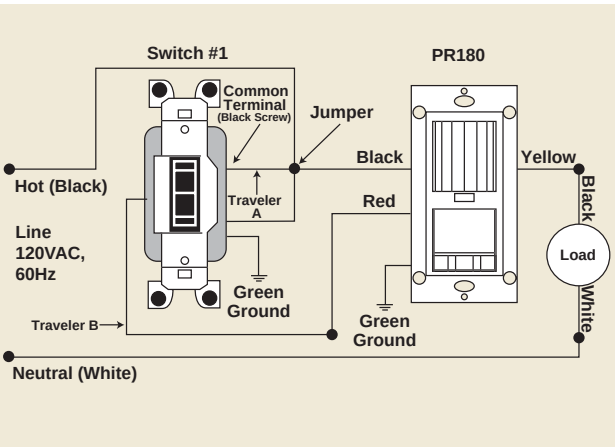


Note: Ground must be connected

PR150 Wall-Switch Occupancy Sensor Wiring Diagram



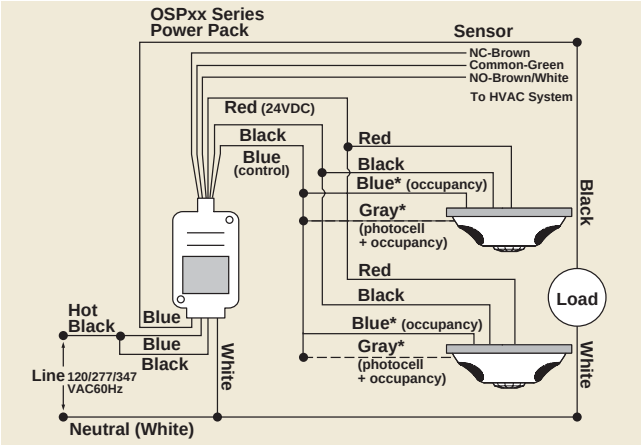
PR180 Wall-Switch Occupancy Sensor 3-Way Wiring Diagram



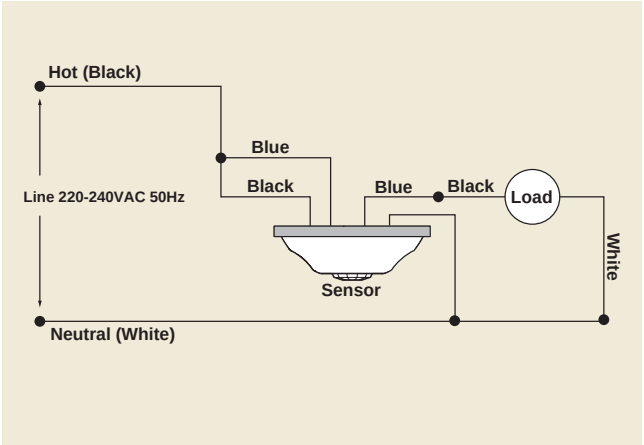
Occupancy Sensor Techincal Information

CEILING-MOUNT OCCUPANCY SENSOR WIRING DIAGRAMS

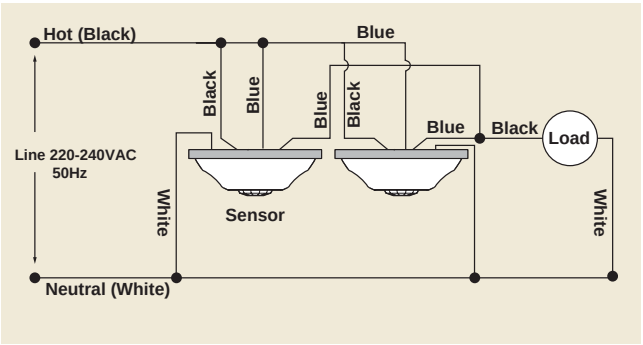
OS-Series Ceiling Mount Occupancy Sensor (with Power Pack) Wiring Diagram



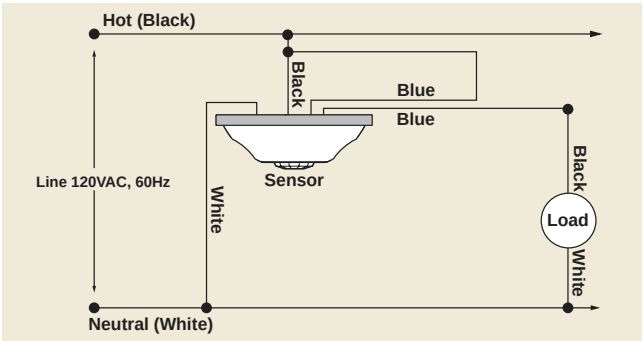
ODC0S-I2 Ceiling Mount Occupancy Sensor, Single-Location Wiring Diagram



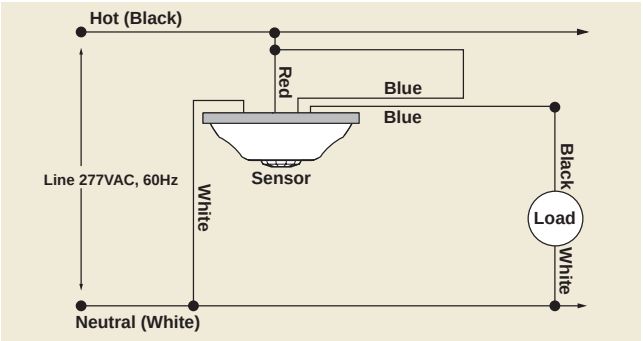
ODC0S-I2 Ceiling Mount Occupancy Sensor, Two-Location Wiring Diagram



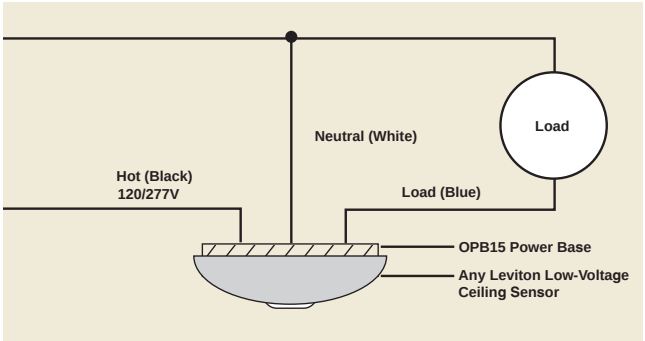
ODC0S-I1 Ceiling Mount Occupancy Sensor Wiring Diagram



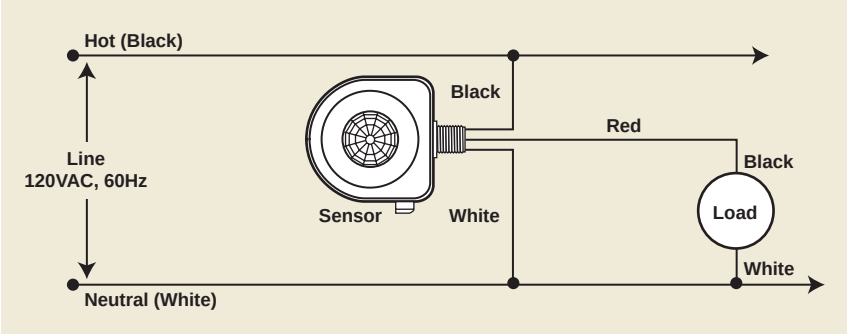
ODC0S-I7 Ceiling Mount Occupancy Sensor Wiring Diagram



OPB15-0DW Power Base Adapter



OSFHB-ITW Occupancy Sensor Wiring Diagram

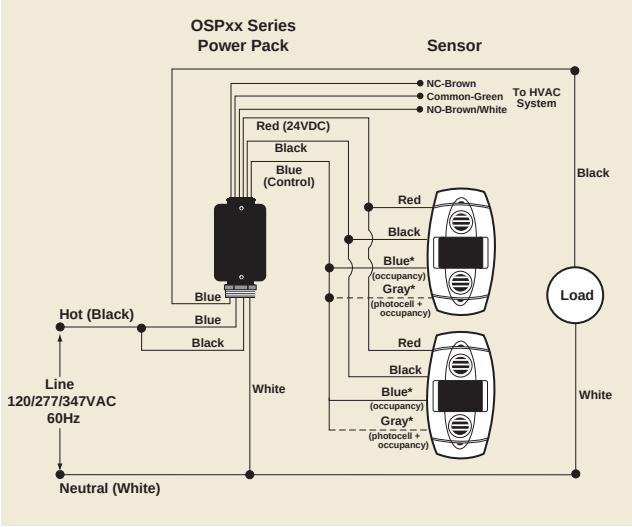


**When the photocell function is not being used, connect the Blue Occupancy Sensor lead to the Blue Power Pack lead. When using the Photocell function, connect the Gray Occupancy Sensor lead to the Blue Power Pack lead – Do not use the Blue Occupancy Sensor lead for the photocell function.*

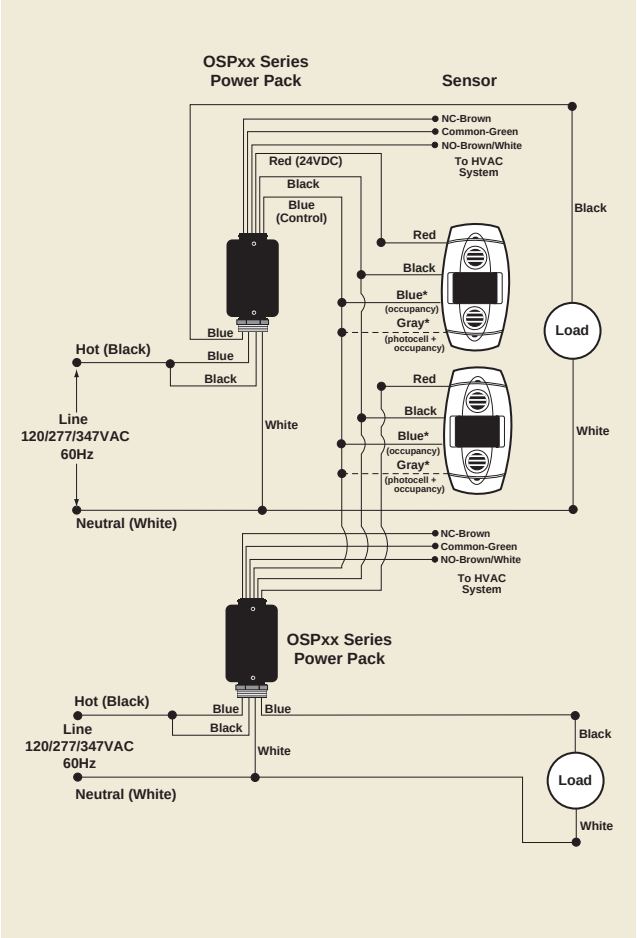
Occupancy Sensor Techincal Information

WALL-MOUNT OCCUPANCY SENSOR WIRING DIAGRAMS

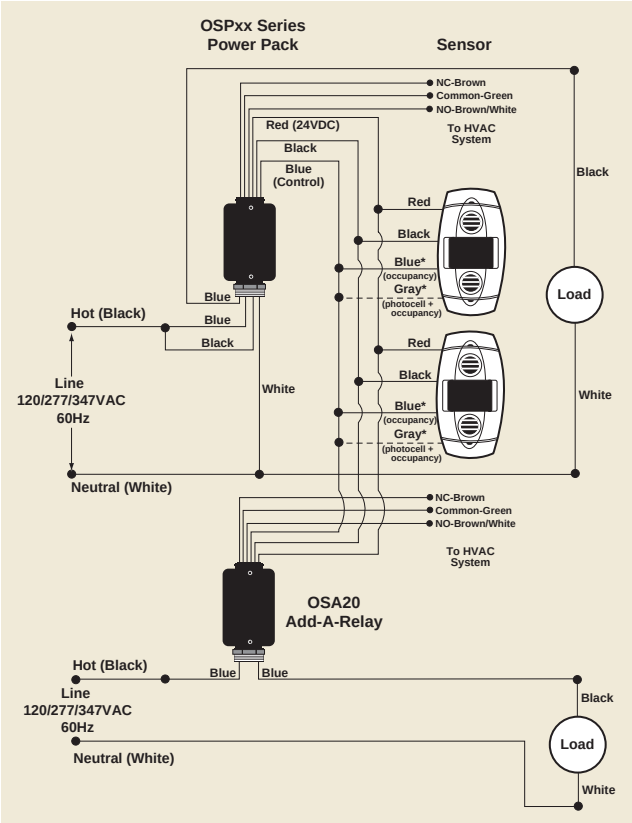
OSWxx Occupancy Sensor Wiring Diagram with Single Power Pack



OSWxx Occupancy Sensor Wiring Diagram with Multiple Power Packs



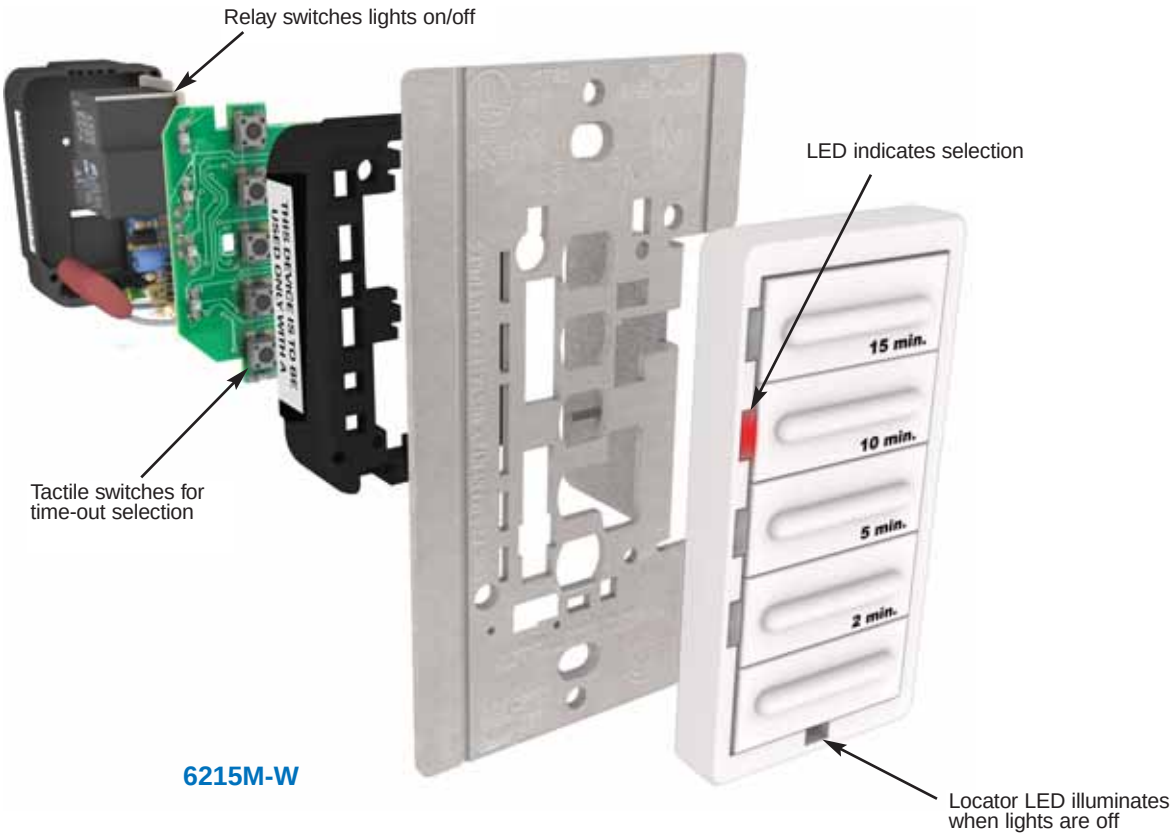
OSWxx Occupancy Sensor Wiring Diagram with Power Pack and Add-A-Relay



When the photocell function is not being used, connect the Blue Occupancy Sensor lead to the Blue Power Pack lead. When using the Photocell function, connect the Gray Occupancy Sensor lead to the Blue Power Pack lead–Do not use the Blue Occupancy Sensor lead for the photocell function.

DECORA® ELECTRONIC TIMER SWITCHES

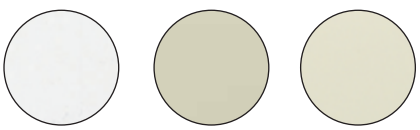
The Leviton line of timer switches provides quiet, accurate electronic timing for reliable lighting and motor control. Electronic timers can be used not only to reduce energy costs, but automated switching also contributes to anti-theft measures if used when a home is left unoccupied; to general safety by turning lights on before you arrive home; and to convenience, for example, by turning on the pool filter automatically. A variety of preset electronic and fully programmable models feature specifications to fit every application. All switches come with matching Decora® or Decora Plus wallplates.



6215M-W

- **Preset timers with settings from 2 minutes to 12 hours**
- **Programmable units initiate scheduled switching at the touch of a button (Second touch to turn load off)**
- **Programmable units retain schedule during power outages via backup batteries**
- **No moving parts to break or rotary wind-up ticking noise**
- **Contemporary styling coordinates with other Decora designer devices**
- **Install in single-gang wallboxes in place of standard switches — ideal for new construction, retrofitting, and remodeling**

Available Colors



White *Ivory* *Almond*

DECORA PLUS™ PRESET ELECTRONIC TIMER SWITCHES

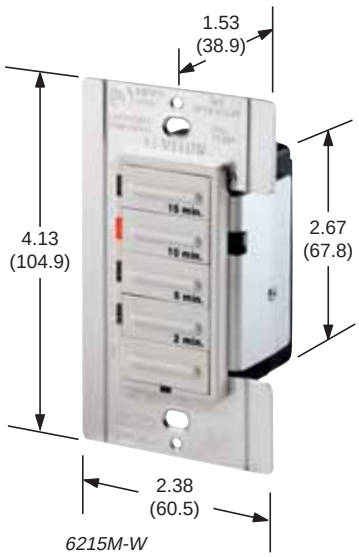
Leviton timers add contemporary styling to any commercial or residential application. Built to the highest performance standards, Decora electronic timers provide long-lasting, trouble-free service life. Decora Plus preset timers are ideal for heat lamps, foyer and outdoor lights, hot tubs, spas, and attic and exhaust fans.

SPECIFICATIONS & FEATURES

- Four preset buttons plus Off for timed control of lights and appliances
- LEDs indicate time elapsed and last LED flashes a two-minutes-until-off warning
- Installs easily in single gang wallbox in place of standard switch
- Matching Decora Plus wallplate included

TESTING & CODE COMPLIANCE

- UL Listed and CSA and NOM Certified
- Meets ASHRAE Standard 90.1 requirements
- Backed by a Limited Two-Year Warranty



6215M-W

3-Wire Timer Switches (single pole, neutral required)

COMMERCIAL GRADE

DESCRIPTION	CAT. NO.	RATING	INTERVAL	COLOR
3-Wire 15-minute Timer with 4 Preset Buttons & Off	**6215M**	120VAC 60Hz, 1000W Incandescent, 20A Inductive, 1 HP @ 120V. Compatible with electronic ballasts	2-5-10-15 minutes	W, I, A*
3-Wire 30-minute Timer with 4 Preset Buttons & Off	**6230M**	Same As Above	5-10-15-30 minutes	W, I, A*
3-Wire 1-hour Timer with 4 Preset Buttons & Off	**6260M**	Same As Above	10-20-30-60 minutes	W, I, A*
3-Wire 12-hour Timer with 4 Preset Buttons & Off	**6212H**	Same As Above	2-4-8-12 hours	W, I, A*

2-Wire Timer Switches (single pole)

RESIDENTIAL GRADE

DESCRIPTION	CAT. NO.	RATING	INTERVAL	COLOR
15-minute Timer with 4 Preset Buttons & Off	**6515M**	120VAC 60Hz, 600W Incandescent, 5A Inductive. Not compatible with electronic ballasts	2-5-10-15 minutes	W, I, A*
60-minute Timer with 4 Preset Buttons & Off	**6560M**	Same As Above	10-20-30-60 minutes	W, I, A*
12-hour Timer with 4 Preset Buttons & Off	**6512H**	Same As Above	2-4-8-12 hours	W, I, A*

** Add suffix to catalog number for color: White (-W), Ivory (-I), Almond (-A). Comes with matching Decora wallplate.*

NOTE: See Page N38 for guidelines to selecting the appropriate timer and Page N39 for wiring diagrams.

Electronic Timer Switches

DECORA® ELECTRONIC PROGRAMMABLE TIMER SWITCHES

This residential line of programmable timers features Decora styling to enhance any interior. Impact-resistant thermoplastic face and quality construction provides long service life and superior performance.

SPECIFICATIONS & FEATURES

24-hour Timer

- Ideal for a wide variety of commercial and residential applications including outdoor lighting, pools, motors, sprinklers, exhaust and attic fans, bathroom heat lamps, hot tubs and spas, whole house exhaust fans, office lights, janitor closets, and landscape and security lighting
- Permits separate on or off scheduling for half-hour periods of the day; on/off manual control available
- Features easy-to-read LCD and easy-to-use programming buttons

14-hour Timer

- Ideal for residential incandescent lighting control including indoor, outdoor, and seasonal lighting
- Automatic daily control with manual override for set-it-and-forget-it convenience
- Automates daily switching program (up to 14 hours) by responding to dip switch on or off position for each hour; repeats until function switch is moved to manual or off mode

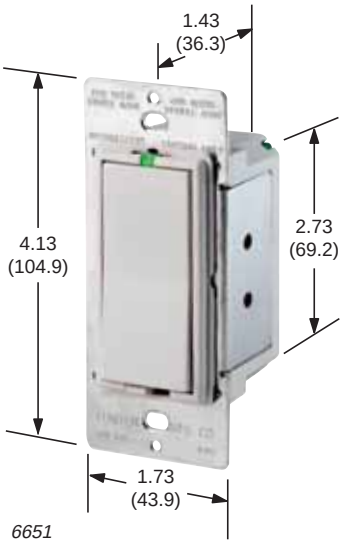
Countdown Timer

- For residential and light commercial applications including indoor and outdoor lighting, office lights, and ceiling fans
- Simple rotary-dial time selection of settings from 1 minute to 18 hours; on/off manual control available
- Illuminated LED indicates load is on. Blinking LED and annunciator sound indicate end of time cycle

TESTING & CODE COMPLIANCE

- UL Listed and CSA Certified

6124H



6651

COMMERCIAL GRADE

DESCRIPTION	CAT. NO.	RATING	INTERVAL	COLOR
24-Hour LCD Programmable Timer Switch	**6124H**	1200W Incandescent; 1200VA Inductive @ 120VAC 60Hz; Motor:1 HP @ 120VAC 60Hz UL, 3/4 HP @ 120VAC 60Hz CSA. Neutral connection required. Compatible with electronic ballasts	24-Hour on/off scheduling in 30-minute intervals	W, I, A*

RESIDENTIAL GRADE

DESCRIPTION	CAT. NO.	RATING	INTERVAL	COLOR
14-Hour Segment-Programmable Timer Switch	**6651**	40W min, 500W max. @120VAC 60Hz, Incandescent only. Neutral not required. Not compatible with electronic ballasts	14-Hour ON/OFF scheduling in hourly intervals	W, I, A*
Rotary-Dial Variable Countdown Timer Switch	**6652**	600W Incandescent; 20A Inductive Motor: 1 HP @ 120VAC 60Hz Neutral connection required. Compatible with electronic ballasts	1 Minute to 18 Hours	W, I, A*

** Add suffix to catalog number for color: White (-W), Ivory (-I), Almond (-A). Comes with matching Decora wallplate. (6124H cannot be used with Decora Plus Screwless Snap-On Wallplates.)*

NOTE: See Page N38 for guidelines to selecting the appropriate timer and Page N39 for wiring diagrams.

SELECTING THE RIGHT TIMER

	Primary Use	When to Use	Typical Applications
Preset Electronic Timer	Prevent lights/appliances from being left on, for energy management	To ensure that whatever is turned on does not remain on after a certain period of time, while giving the user some flexibility as to how long this "on"-period lasts	Heat lamps, foyers, outdoor lights, hot tubs, spas, and attic and exhaust fans
24-Hour Programmable Timer	Automate light/appliance switching over a 24-hour period	When you want to schedule something to go on or off multiple times, that may span a period of up to 24 hours	Commercial and residential outdoor lighting, pools, motors, sprinklers, exhaust and attic fans, bathroom heat lamps, hot tubs and spas, whole-house exhaust fan scheduling, office lights, janitor closets, landscape and security lighting
14-Hour Programmable Timer	Automate light/appliance switching over a 14-hour period	When you want to schedule something to go on or off multiple times over a period no longer than 14 hours. For example, if you need something to go on and off only at night time (such as holiday lights that turn on in the evening and off later at night)	Residential incandescent lighting control including indoor, outdoor, and seasonal lighting
Variable Countdown Timer	Residential security systems	If you want lights and/or appliances to automatically turn on and off at somewhat random times each day. An ideal choice for giving your house a lived-in look while you are away, to help deter break-ins	Residential applications including indoor and outdoor lighting, and ceiling fans

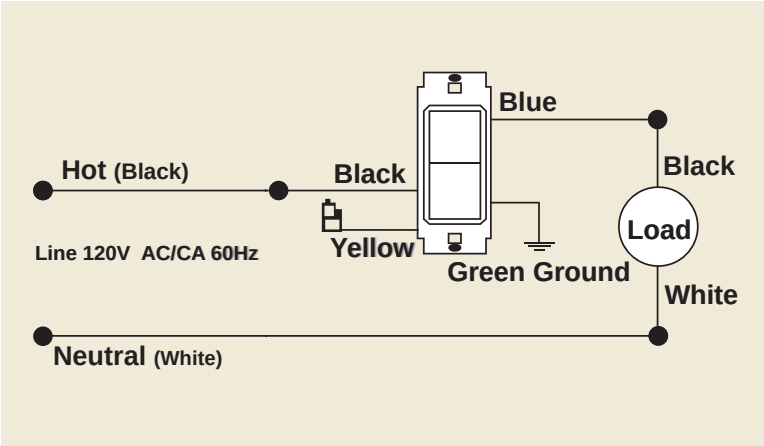
MAIN ADVANTAGES OF ELECTRONIC TIMERS OVER MANUAL TIMERS

- Retain programmed schedules during power outages
- Quieter: no moving parts means that electronic timers do not make noise while operating or programming

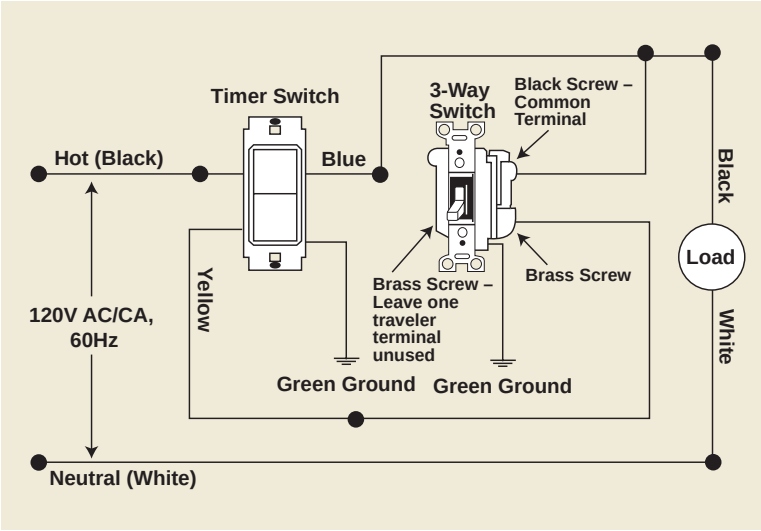
Electronic Timer Switch Technical Information

ELECTRONIC TIMER SWITCH WIRING DIAGRAMS

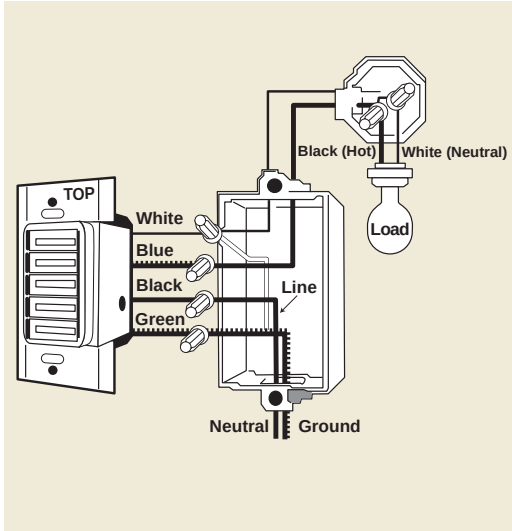
6651 Timer Wiring Diagram, Single Pole Application



6651 Timer Wiring Diagram, 3-Way Application



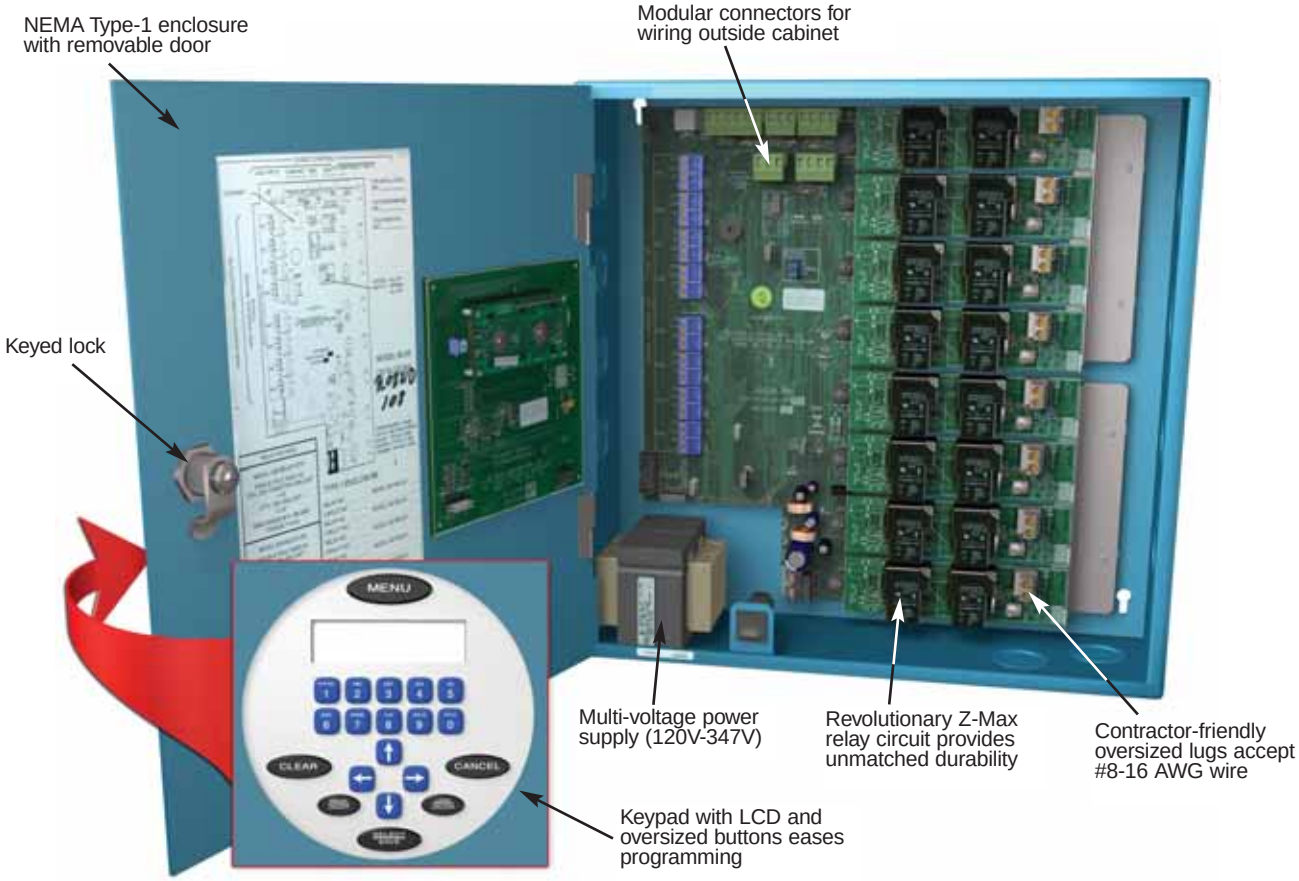
6212H Timer Wiring Diagram



Z-MAX™ Relay Overview

Z-MAX LIGHTING CONTROL RELAY SYSTEMS

The Leviton Z-MAX™ line of timed lighting controls and relays provides advanced scheduling of lighting and other loads in applications where a time clock is typically used in conjunction with switching contactors. All Z-MAX models feature easy-to-use menu-driven programming and configuration, a programmable time clock and output relays in a compact cabinet, and several optional accessories for remote control. Z-MAX relay panels are ideal for cafeterias, auditoriums, offices, parking facilities, gymnasiums, pools, educational facilities, and landscape and security lighting. A number of wall stations, flush trim kits and other accessories are available.



- **In four versions: 8-relay non-networked and 8-relay, 24-relay, 48-relay networked**
- **Single-circuit relay cards simplify maintenance and expansion**
- **Integrated astronomical time clock**
- **Individually replaceable relays rated for all light sources as well as motors**
- **Single-pole and two-pole relays fit in the same location**
- **Normal or emergency panel capability**
- **Compatible with occupancy sensors, photocells, digital and low-voltage wall stations and more**

Available Colors

Blue

Z-MAX™ Relay Product Listing

Z-MAX™ RELAY CABINETS

Leviton Z-MAX relay cabinets come in four versions: 8-relay non-networked and 8-relay, 24-relay and 48-relay networked. Standalone cabinets are best suited to advanced scheduling of a single area, while networked cabinets provide centralized control for large multi-office and multi-building sites. The 24-relay and 48-relay models are available in slave versions. The main control module handles up to 96 inputs and 96 relays, and utilizes low voltage wiring as the panel interconnect. All cabinets are pre-wired and factory tested.

8-Relay and 24-Relay Z-MAX Cabinets

SPECIFICATIONS & FEATURES

- Easy-to-program keypad control module with LCD screen and straightforward menus — in plain English (not code)
- Internal time clock with astronomical clock, daylight savings time, and holiday scheduling features
- Generous wiring space and easy-to-wire terminals
- Switch inputs with override capability for each relay
- Hinged, removable door with keyed lock
- Works with analog controllers, low voltage switches, discrete and analog photocells, and occupancy sensors; Networkable versions also with Z-MAX Digital Switches, Dimensions D4200/D8000 and DMX 512 controllers

Accessories

- Telephone and modem interface modules
- Z-MAX Switch Stations
- Additional switch input board
- Ethernet module
- Photocell
- Flush trim kits
- Voltage barriers
- PC-based programming software

TESTING & CODE COMPLIANCE

- UL Listed (for individual load types) and CUL Listed
- CEC Title 24 compliant and meets ASHRAE Standard 90.1 requirements
- NOM certified
- Limited Two-Year Warranty on cabinet
- Ten-Year Warranty on relay cards

Z-MAX™ Relay Product Listing

Z-MAX™ RELAY CABINETS

8-Relay Z-MAX Cabinets

With 8 switch inputs and 20A output relays

DESCRIPTION	CAT. NO. NETWORK VERSION	CAT. NO. STAND-ALONE VERSION	INPUT POWER	COLOR
Standard 8-Relay Cabinet (no relays)	**R08ND-000**	**R08BD-000**	120, 277, 347V	Blue
8-Relay Cabinet with 4 standard relays	**R08ND-104**	**R08BD-104**	120, 277, 347V	Blue
8-Relay Cabinet with 8 standard relays	**R08ND-108**	**R08BD-108**	120, 277, 347V	Blue
8-Relay Cabinet with 4 2-pole relays	**R08ND-204**	**R08BD-204**	120, 277, 347V	Blue
8-Relay Cabinet with 8 2-pole relays	**R08ND-208**	**R08BD-208**	120, 277, 347V	Blue
8-Relay Cabinet with 4 347V relays	**R08ND-C04**	**R08BD-C04**	120, 277, 347V	Blue
8-Relay Cabinet with 8 347V relays	**R08ND-C08**	**R08BD-C08**	120, 277, 347V	Blue

24-Relay Z-MAX Cabinets

With 12 switch inputs and 20A output relays

DESCRIPTION	CAT. NO. MASTER VERSION	CAT. NO. SLAVE VERSION	INPUT POWER	COLOR
Standard 24-Relay Cabinet (no relays)	**R24MD-000**	**R24SD-000**	120, 277, 347V	Blue
24-Relay Cabinet with 12 standard relays	**R24MD-112**	**R24SD-112**	120, 277, 347V	Blue
24-Relay Cabinet with 24 standard relays	**R24MD-124**	**R24SD-124**	120, 277, 347V	Blue
24-Relay Cabinet with 12 2-pole relays	**R24MD-212**	**R24SD-212**	120, 277, 347V	Blue
24-Relay Cabinet with 24 2-pole relays	**R24MD-224**	**R24SD-224**	120, 277, 347V	Blue
24-Relay Cabinet with 12 347V relays	**R24MD-C12**	**R24SD-C12**	120, 277, 347V	Blue
24-Relay Cabinet with 24 347V relays	**R24MD-C24**	**R24SD-C24**	120, 277, 347V	Blue

48-Relay Z-MAX Cabinets

With 12 switch inputs and 20A output relays

DESCRIPTION	CAT. NO. MASTER VERSION	CAT. NO. SLAVE VERSION	INPUT POWER	COLOR
Standard 48-Relay Cabinet (no relays)	**R48MD-000**	**R48SD-000**	120, 277, 347V	Blue
48-Relay Cabinet with 12 standard relays	**R48MD-112**	**R48SD-112**	120, 277, 347V	Blue
48-Relay Cabinet with 24 standard relays	**R48MD-124**	**R48SD-124**	120, 277, 347V	Blue
48-Relay Cabinet with 36 standard relays	**R48MD-136**	**R48SD-136**	120, 277, 347V	Blue
48-Relay Cabinet with 48 standard relays	**R48MD-148**	**R48SD-148**	120, 277, 347V	Blue
48-Relay Cabinet with 12 2-pole relays	**R48MD-212**	**R48SD-212**	120, 277, 347V	Blue
48-Relay Cabinet with 24 2-pole relays	**R48MD-224**	**R48SD-224**	120, 277, 347V	Blue
48-Relay Cabinet with 36 2-pole relays	**R48MD-236**	**R48SD-236**	120, 277, 347V	Blue
48-Relay Cabinet with 48 2-pole relays	**R48MD-248**	**R48SD-248**	120, 277, 347V	Blue
48-Relay Cabinet with 12 347V relays	**R48MD-C12**	**R48SD-C12**	120, 277, 347V	Blue
48-Relay Cabinet with 24 347V relays	**R48MD-C24**	**R48SD-C24**	120, 277, 347V	Blue
48-Relay Cabinet with 36 347V relays	**R48MD-C36**	**R48SD-C36**	120, 277, 347V	Blue
48-Relay Cabinet with 48 347V relays	**R48MD-C48**	**R48SD-C48**	120, 277, 347V	Blue

PHYSICAL DIMENSIONS

8-Relay (Standalone and Networkable): 13.00 (330.2) x 13.00 (330.2) x 4.34 (110.6)

24-Relay Cabinet: 20.00 (514.4) x 34.00 (863.6) x 4.34 (110.6)

48-Relay Cabinet: 20.00 (514.4) x 54.00 (1371.6) x 4.34 (110.6)

NOTE: See Page N50 for wiring and mounting diagrams.

Z-MAX™ Relay Product Listing

Z-MAX™ RELAY CABINETS WITH INTEGRATED ELECTRICAL DISTRIBUTION

Z-MAX Relay Panels with an integrated electrical distribution system offer the convenience of a single feed with the flexibility of our popular Z-MAX relay system. Each includes all the award winning features of the Z-MAX product line, integrated with a standard system of electrical distribution and over current protection. These integrated systems use commonly available Cutler-Hammer breakers.

Z-MAX Relay Cabinet

SPECIFICATIONS & FEATURES

- Single or Three Phase configurations
- 120V, 277V or 347V systems
- Main lugs or main breaker
- Custom load center configuration
- Field replaceable standard breakers
- All standard Z-MAX operational features
- Uses Cutler-Hammer CH, GHQ and GBH frame snap-in breakers, locked in place by the enclosure
- Ships as one complete pre-wired assembly
- Up to 100,000A AIC, short Circuit Current Rating, available on all panelboards (Consult factory for details)
- 277/480V panelboards, main lugs, 65k AIC @ 120/208V, 14k AIC @ 277/480V standard
- 277/480V panelboard, main breaker, 35k AIC standard
- 120/208V or 120/240V panelboards, main lugs, 10k AIC standard
- 120/208V or 120/240V panelboards, main breaker, 25k AIC standard depending on main breaker
- 347/600V panelboards, main lugs, 10k AIC standard
- 347/600V panelboards, main breaker, 19k AIC standard

TESTING & CODE COMPLIANCE

- UL and cUL Listed

ORDERING INFORMATION

Common configuration shown. Many custom configurations are available upon request. Contact quotations for additional information. Other Z-Max accessories may be applicable to your project. Reference Z-Max data sheets for information on these accessories.

BREAKER SECTION

Pick Only One

120V SYSTEMS	
RB423-L1C	120/208 3 Phase 42 Pole Breaker Cabinet w/Main Lugs
RB423-B1C	120/208 3 Phase 42 Pole Breaker Cabinet w/Main Breaker
RB421-L1C	120/240 1 Phase 42 Pole Breaker Cabinet w/Main Lugs
RB421-B1C	120/240 1 Phase 42 Pole Breaker Cabinet w/Main Breaker
277V SYSTEMS	
RB423-L2C	277/480 3 Phase Breaker Cabinet w/Main Lugs
RB423-B2C	277/480 3 Phase Breaker Cabinet w/Main Breaker
347V SYSTEMS	
RB423-L3C	347/600 3 Phase Cabinet, Custom/Configured, Main Lugs
RB423-B3C	347/600 3 Phase Cabinet, Custom/Configured, Main Breaker

Indicate Main Breaker Size (if applicable) and quantity of branch breakers required.

Main Breaker Options (pick one if main breaker cabinet)

☐150A ☐175A ☐200A ☐225A ☐250A* ☐300A*

*277/480V panels only

Branch Breaker Options		Quantity
BRC01-120	Branch Breaker – 120V, 1P, 20A	
BRC02-120	Branch Breaker – 240V, 2P, 20A	
BRC01-115	Branch Breaker – 120V, 1P, 15A	
BRC02-115	Branch Breaker – 240V, 2P, 15A	
BRCG1-120	Branch Breaker, GFCI – 120V, 1P, 20A	
BRCG2-120	Branch Breaker, GFCI – 240V, 2P, 20A	
BRC01-220	Branch Breaker – 277V, 1P, 20A	
BRC02-220	Branch Breaker – 480V, 2P, 20A	
BRC01-215	Branch Breaker – 277V, 1P, 15A	
BRC02-215	Branch Breaker – 480V, 2P, 15A	
BRC01-C20	Branch Breaker – 347V, 1P, 20A	
BRC01-C15	Branch Breaker – 347V, 1P, 15A	

RELAY SECTION

Pick Only One

R24MD-00C	Z-Max Relay Cabinet with Master Control Module, up to (24) Relay Modules (for use only with 120/208 Breaker Panels)
R24SD-00C	Z-Max Relay Cabinet with Slave Control Module, up to (24) Relay Modules (for use only with 120/208 Breaker Panels)
R48MD-B0C	Z-Max Relay Cabinet with Master Control Module, up to (48) Relay Modules (R48M2-B0C on 277 & 347V panels)
R48SD-00C	Z-Max Relay Cabinet with Slave Control Module, up to (48) Relay Modules (R48S2-B0C required on 277 & 347V panels)

Indicate Quantity and type of relay modules as appropriate

RELAY-STD	Z-MAX Standard Relay Module, up to 277VAC, 20A Continuous	
RELAY-2PL	Z-MAX 2 Pole Relay Module, up to 480VAC, 20A Continuous	
RELAY-347	Z-MAX 347V 1 Pole Relay Module, up to 347VAC, 20A Continuous	
RELAY-LAT	Z-MAX Latching Relay Module, up to 277VAC, 20A Continuous or 15A at 347V	

Z-MAX™ Relay Product Listing

RRP—REMOTE 4-RELAY PANEL (CONTROLLED BY Z-MAX™ MASTER CABINET)

The RRP (Remote Relay Panel) provides distributed switching of up to four 20 amp lighting circuits, enabling multiple units to be networked and controlled from a Z-MAX Master Relay Panel. With photocell, occupancy sensor and local switch inputs, the RRP is an ideal solution for applications such as school classrooms where daylight harvesting, occupancy sensor control, local switching and central control scheduling are desired. Revolutionary Z-MAX switching circuit with 10,000,000 cycle life employed in the 120-277V standard relay model.

SPECIFICATIONS & FEATURES

- Network ready for up to 96 total relays
- USB port for software updates and network configuration
- 120/277V dual voltage standard
- 347V available
- Removable interior allows rough-in without risk of damage to components
- Rated for 100% load capacity
- Handles in-rush currents in excess of 50 times load current
- Low-voltage switch inputs support Leviton low voltage switches and GE-style, ON/OFF switches with optional LED output

Accessories

- Low-voltage switch adapter (reduces required wire count of GE style switch by 1)
- 1–10 Button low voltage switches
- Indoor and outdoor 0-10V photocells
- Atrium and skylight 0-10V photocells

For more information on Z-MAX Remote Relay Panels and Accessories, refer to Z-MAX data sheets.

RRP – Rmote 4-Relay Panel

ORDERING INFORMATION

Description	Cat. No.	Rating
Remote Relay Panel with 4, Single Pole 20 Amp Relays for use with Z-MAX. 120/277V	**RE4SD-104**	20A per relay
Remote Relay Panel with 4, Double Pole 20 Amp Relays for use with Z-MAX. 120/277V	**RE4SD-204**	20A per relay
Remote Relay Panel with 4, Single Pole 20 Amp Relays for use with Z-MAX. 347V	**RE4SD-304**	20A per relay

Dimensions: 10.0 (254.0) W x 10.0 (254.0) H x 4.0 (101.6) D

EZ-MAX Relay Product Listing

EZ-MAX RELAY CABINETS

EZ-MAX relay lighting control panels combine the power and performance of the larger Z-MAX relay cabinets in a cost-effective four-circuit package that's housed in a compact 10" X 10" standard electrical enclosure. It is the ideal contractor friendly, quick-to-install solution for smaller, stand-alone applications that do not require the field configuration or advanced networking features of the larger Z-MAX cabinets. It serves as a smart replacement for time clock/contactor installations for any application requiring reliable and cost-effective automatic lighting control.

EZ-MAX Relay Cabinet

SPECIFICATIONS & FEATURES

- Refer to page N39 for Z-MAX general features
- 120-277V standard relay model features revolutionary, patent-pending Z-MAX switching circuit with an unprecedented 10,000,000 cycle life
- 347V available
- Low-voltage inputs allow connection of photocells, occupancy sensors and low-voltage switches for a comprehensive, easy-to-install energy management solution

TESTING & CODE COMPLIANCE

- ASHRAE 90.1 compliant
- CEC Title 24 compliant
- Ten-Year Warranty

Accessories

- Modem module for touch tone control or remote configuration
- Low-voltage switch adapter (reduces required wire count of GE style switch by 1)
- 1–4 Button low voltage switches
- Indoor and outdoor 0-10V photocells
- Atrium and skylight 0-10V photocells

For more information on EZ-MAX Relay Cabinets and Accessories, refer to EZ-MAX data sheets. Refer to pages N14–N34 for information on compatible Leviton Occupancy Sensors.

ORDERING INFORMATION

Model	Description	Rating
RE4BD-104	EZ-MAX with 4 120-277V relays	20A per relay
RE4BD-204	EZ-MAX with 4 208-480V 2-pole relays	20A per relay
RE4BD-C04	EZ-MAX with 4 120-347V relays	20A per relay

Dimensions: 10.0 (254.0) W x 10.0 (254.0) H x 4.0 (101.6) D

Z-MAX™ Relay Product Listing

Z-MAX™ DIGITAL & LOW VOLTAGE SWITCH STATIONS

The Z-MAX system can incorporate either digital or low-voltage stations. Although they look identical, there are a few differences in how they operate. Both contain buttons that are programmable to a variety of functions and custom labels are available.

ZMDSW-03W

SPECIFICATIONS & FEATURES

Common Features

- Available in 8 configurations
- Programmable functions include: on, off, and group and scene select
- Compatible with standard and midway size Decora® wallplates
- Custom labeling available; contact a factory representative

Digital Station

- Wired via Luma-Net® to compatible products including D4200, D8000, a-2000, i Series e, i Series Quad, and Z-MAX Relay Cabinets
- Networks with up to 127 devices
- Compatible with handheld IR remote control

Low-Voltage Station

- Compatible with EZ-MAX and Z-MAX Relay Cabinets, MDS cabinets, a-2000 cabinets (with analog card), network protocol converter, and other low-voltage devices
- Cat. No. LV240 for use with miniZ Intelligent Daylight Management System, Z-MAX and EZ-MAX
- Cat. No. LV200 for use with miniZ Intelligent Daylight Management System only

WARRANTY

- Limited Two-Year Warranty

Z-MAX Switch Stations

DESCRIPTION	DIGITAL SWITCH CAT. NO.*	LOW-VOLTAGE SWITCH CAT. NO.**	COLOR
On/Off switch	**ZMDSW-01W**	**LVS-01W**	White
Zones 1 and 2	**ZMDSW-02W**	**LVS-02W**	White
Zones 1 to 3	**ZMDSW-03W**	**LVS-03W**	White
Zones 1 to 4	**ZMDSW-04W**	**LVS-04W**	White
Zones 1 to 5	**ZMDSW-05W**	**LVS-05W**	White
Zones 1 to 6	**ZMDSW-06W**	**LVS-06W**	White
Zones 1 to 8	**ZMDSW-08W**	**LVS-08W**	White
Zones 1 to 10	**ZMDSW-10W**	**LVS-10W**	White

Note: Wallplate sold separately
**Support network and master Z-MAX versions only*
***Support EZ-MAX and Z-MAX stand-alone and slave versions only*

LVS-08W

miniZ™ Low-Voltage Switch Stations

DESCRIPTION	CAT. NO.	COLOR
5-Button dimming controller with On/Off, for use with miniZ only.	**LV200-00W**	White
On/Off switch controller for use with miniZ, Z-MAX and EZ-MAX	**LV240-00W**	White

Dimensions: 4.31 (109.5) H x 1.13 (28.7) W x 1.75 (44.5) D

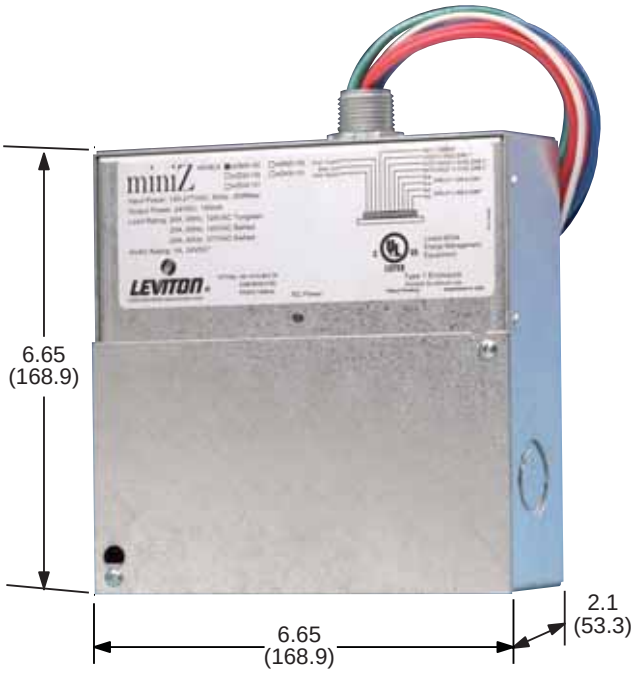
miniZ™ Product Listing

miniZ™ INTELLIGENT DAYLIGHT MANAGEMENT SYSTEM

miniZ combines occupancy sensing, daylight harvesting and flexible lighting control functions into a single, easily installed package. miniZ features several methods of ladderless commissioning, including the AutoCal™ feature, the world's first 100% self-configuring daylight harvesting system. Installation requires little more than any other power-pack type product. The performance features and capabilities of the miniZ product provide a package that surpasses all others in the industry at a price anyone can afford.

DUAL ROOM miniZ™ INTELLIGENT DAYLIGHT MANAGEMENT SYSTEM

The dual room miniZ offers the same performance features as the miniZ, but instead of working in one room using one photocell to control three zones, it provides dual room/ one zone per room daylight harvesting control using a separate photocell and occupancy sensor for each room.



miniZ/ Dual Room miniZ

SPECIFICATIONS & FEATURES

- Automatic Correction setting for Light Loss Factor (LLF) recognizes and corrects for lumen maintenance issues
- Cost-effective energy code compliance
- Ladderless Commissioning™ provides install-and-forget convenience
- Automatic closed-loop, multi-zone daylight control
- Convenient occupancy sensor and photocell integration
- Simplified daylight harvesting with 3% to 100% dimming capabilities (0-10V fluorescent dimming ballasts required)
- Autocal™ (patent pending) automatic photocell calibration
- Accepts external time clock inputs
- Simplified integration with emergency and building automation systems
- Automatic Daylight Harvest Mode provides optimum lighting output for additional energy savings potential
- Daylight switching full range 0-10V dimming and network models available
- Cost effective energy code compliance
- Accepts external time clock inputs
- Closed loop or open loop daylight control
- Isolated contacts for HVAC relay
- miniZ works in one room using one photocell and occupancy sensor to control three zones
- Dual Room miniZ controls one zone per room using a separate photocell and occupancy sensor for each room

NETWORK FEATURES

- Luma-CAN® Network support
- Network digital switch support
- Z-MAX master/slave network participation
- Remote shared network inputs
- Scalable system expansion

TESTING & CODE COMPLIANCE

- UL and cUL Listed
- CEC Title-24 Listed
- Limited Two-Year Warranty

miniZ ORDERING INFORMATION

Model	20A Power Circuits	0-10V Control Circuits	Control Input Voltage	Network Functionality
MZB00-102	2	0	100-277VAC	No
MZD20-102	2	2	100-277VAC	No
MZD30-101	1	3	100-277VAC	No
MZN20-102	2	2	100-277VAC	Yes
MZN30-101	1	3	100-277VAC	Yes
MZB00-C02	2	0	200-347VAC	No
MZD20-C02	2	2	200-347VAC	No
MZD30-C01	1	3	200-347VAC	No
MZN20-C02	2	2	200-347VAC	Yes
MZN30-C01	1	3	200-347VAC	Yes

miniZ DUAL ROOM ORDERING INFORMATION

Model	Description	0-10V Outputs	Relay Outputs	CAN Network
MZB02-102	miniZ™ Basic, Dual Room, 2 Relay, 120V–277V	0	2	No
MZD22-102	miniZ™ Dimming, Dual Room, 2 Relay, 120V–277V	2	2	No
MZN22-102	miniZ™ Dimming, Dual Room, 2 Relay, 120V–277V	2	2	Yes
MZB02-C02	miniZ™ Basic, Dual Room, 2 Relay, 347V	0	2	No
MZD22-C02	miniZ™ Dimming, Dual Room, 2 Relay, 347V	2	2	No
MZN22-C02	miniZ™ Dimming, Dual Room, 2 Relay, 347V	2	2	Yes

Z-MAX™ Relay Applications

Z-MAX™ RELAY CARDS & ACCESSORIES

The Z-MAX system offers several relay cards in addition to a number of accessories, including a modem that enables the system to be operated remotely. The standard, single-pole 20-amp relay card features proprietary circuitry that completely eliminates arc shower pitting at the contacts and thus provides an extended life over traditional relay circuits. This unique feature is the source of the Z-MAX name: Z-MAX stands for zero current maximum life.

Z-MAX Relay Card (RELAY-STD)

SPECIFICATIONS & FEATURES

Relay Cards

- Rated at 20A for lighting loads
- Specifically designed to control electronic ballasts
- Rated for resistive, inductive, and capacitive sources
- Zero cross circuitry eliminates arcing at mechanical contacts when loads are switched — prolonging relay life to an average of 10,000,000 on/off cycles
- Handles inrush currents up to 50X greater than connected load

Handheld Remote Control

- Features 4, 8 or 16 selection buttons plus off
- Use with any Z-MAX Digital Station
- Operates at 56kHz frequency; 30- to 50-foot range

TESTING & CODE COMPLIANCE

- UL Listed (for individual load types) and CUL Listed under both Industrial Control Equipment and Energy Management Equipment
- NOM certified
- Limited Ten-Year Warranty

Z-MAX Relay Cards

DESCRIPTION	CAT. NO.	INPUT POWER	RATING
Standard 20A Single-Pole Relay Card*	**RELAY-STD**	120-277V	For incandescent, electronic fluorescent, magnetic fluorescent, electronic low voltage, neon cold cathode, high intensity discharge and motor loads
2-Pole 20A Relay Card	**RELAY-2PL**	240/480V	Same as Above
347V Single-Pole 20A Relay Card	**RELAY-347**	120-347V	Same as Above
Normally Closed Relay Card	**RELAY-NCL**	120-347V	Same as Above

**NOTE: Relay cabinets ship with RELAY-STD modules unless otherwise specified.*

D42IR-16L

Accessories

DESCRIPTION	CAT. NO.	COLOR
Remote Control with 4 selections	**D42IR-04L**	Black
Remote Control with 8 selections	**D42IR-08L**	Black
Remote Control with 16 selections	**D42IR-16L**	Black
Flush Trim Kit for 8-Relay Cabinet	**RAC00-08F**	——
Flush Trim Kit for 24-Relay Cabinet	**RAC00-24F**	——
Flush Trim Kit for 48-Relay Cabinet	**RAC00-48F**	——
Switch Input Board with 32 discrete inputs	**RAC00-SIB**	——
Modem with Touch Tone input capability (consult factory)	**RAC00-MOD**	——
Ethernet Module (consult factory)	**RAC00-ETH**	——
Voltage Barrier between relay cards	**RAC00-VBR**	——

Z-MAX™ Relay Technical Information

CATALOG NUMBERING SYSTEM, RELAY CABINETS

R 24MD-224

No. of relays

Relay type
0 = No relays in cabinet
1 = Standard (single-pole 120V, 277V)
2 = 2-pole relay (240/480V)
C = International (single-pole, 347V)

Input Voltage for Control Module
D = Multi-volt 120V, 277V, 347V
F = International 100V, 220V, 230V, 240V

Control Module Type
B = Basic, for 8-relay cabinet only
N = Networkable, for 8-relay cabinet only
M = Master, for 24- and 48-relay cabinets only
S = Slave, for 24- and 48-relay cabinets only

Cabinet Size
(Maximum number of relays: 8, 24 or 48)

BASIC APPLICATION

Relay systems are an excellent choice for providing time- and event-based switching on a customized schedule for everything from basic stand-alone applications to building and campus-wide energy management systems. Z-MAX™ Lighting Control Relay Systems are ideally suited to all sizes of applications where you need a system that switches lights on and off based on a customized schedule but do not require other functionality such as dimming or scene control. Z-MAX cabinets offer a single, integrated solution that takes the place of several individual components including: time clock, cabinet, terminal blocks and contactors.

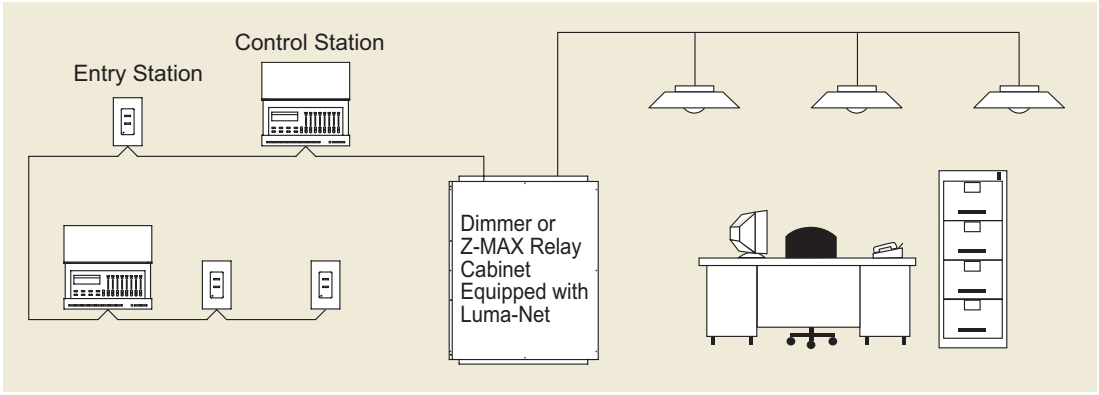
Z-MAX SYSTEMS BENEFIT APPLICATIONS REQUIRING:

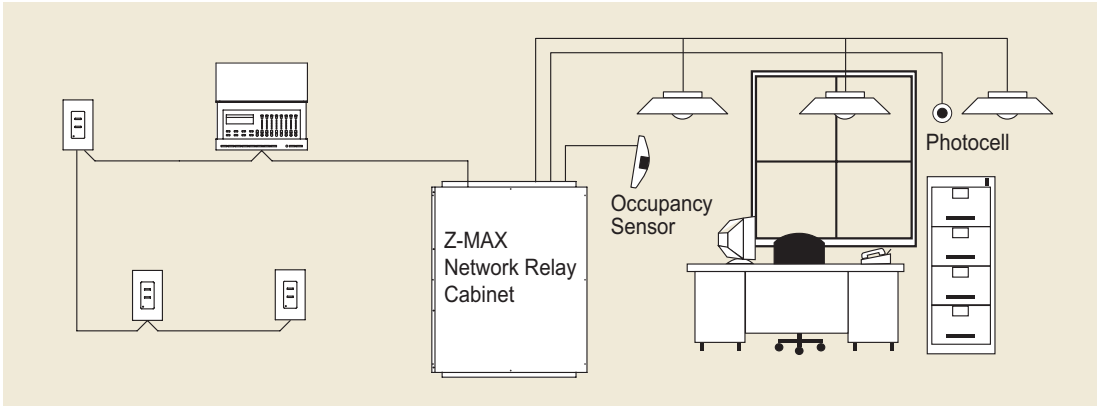
- Control of various loads from one or more locations
- Time based lighting control ordinarily provided by separate time clock and lighting controllers
- Compliance with energy codes requiring automatic lighting control
- Integration of photocells and occupancy sensors into a centrally controlled switching system

TYPICAL Z-MAX RELAY APPLICATIONS

- Auditoriums
- Parking facilities
- Gymnasiums and pools
- Educational facilities
- Warehouses
- Office buildings
- Arenas
- Landscape and security lighting

Z-MAX Applications





NOTE: Dimensions™ D4200 and D8000 controls are readily incorporated into a Z-MAX network cabinet system. Z-MAX 8-channel stand-alone cabinets use the 000-LVS series of low voltage entry stations.

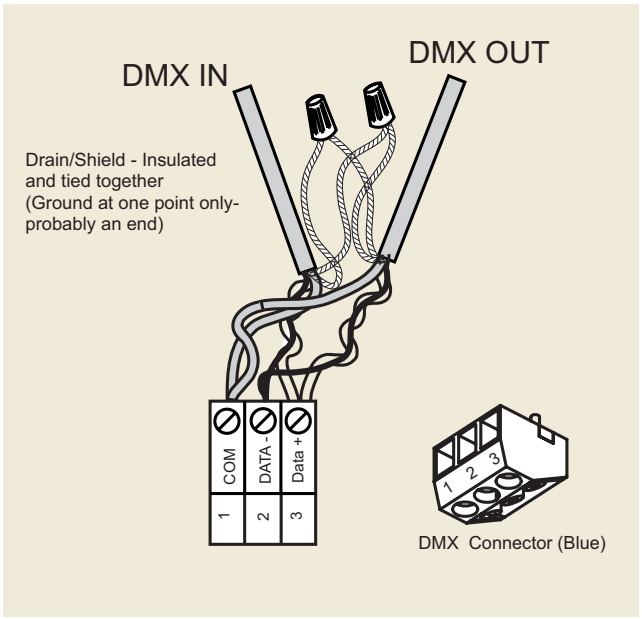
To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

Z-MAX™ Relay Technical Information

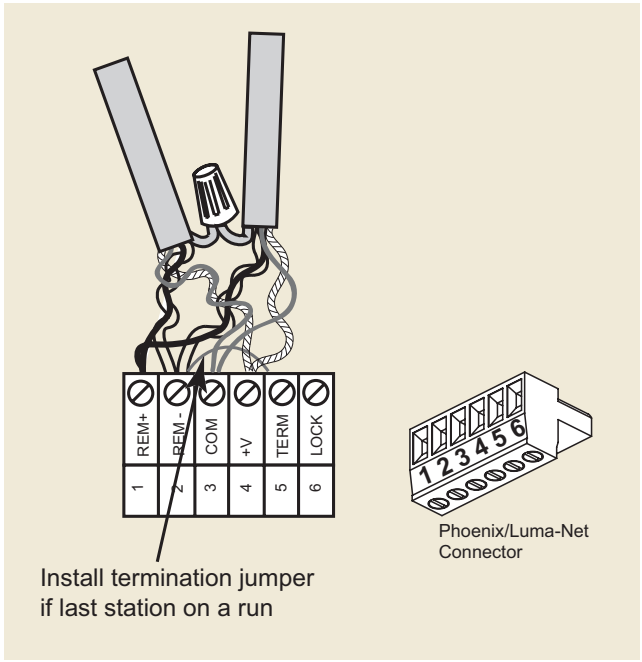
CONTROL WIRING

Every Z-MAX relay cabinet is wired in exactly the same way and communicates via Luma-Net® III or DMX512. Through the use of the Network Protocol Converter, Z-MAX cabinets can be integrated with RS232 and standard 10/100 TCP/IP routers and networks. We strongly recommend the use of either Belden 9829 or Belden 9729 for the Luma-Net wire runs. A second pair of stranded wire is required for power. At the last control station or dimmer cabinet on both ends of the run, a small jumper wire must be run from the terminal labeled “Rem-” to the terminal marked “Term” on that last station. This jumper wire properly terminates the digital communications lines at the end of the line.

DMX Wiring to Connector

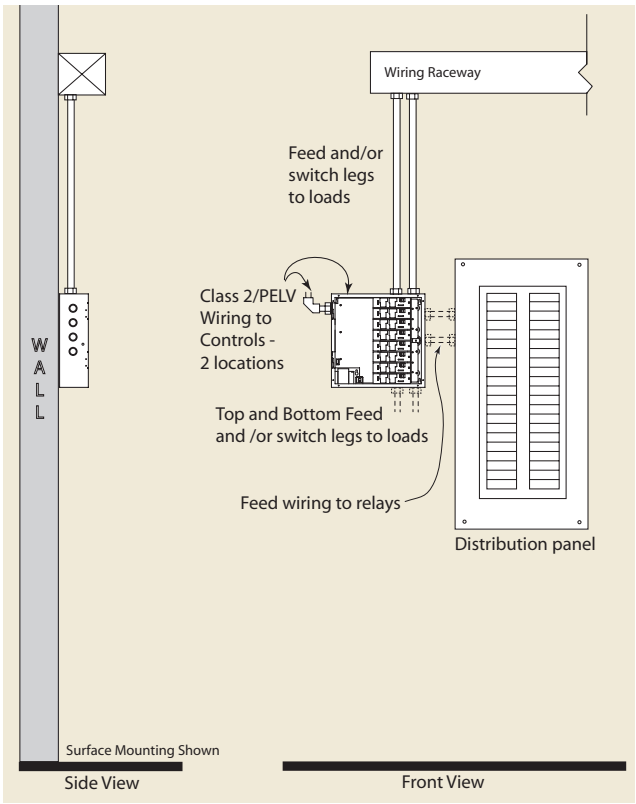


Luma-Net Wiring to Connector

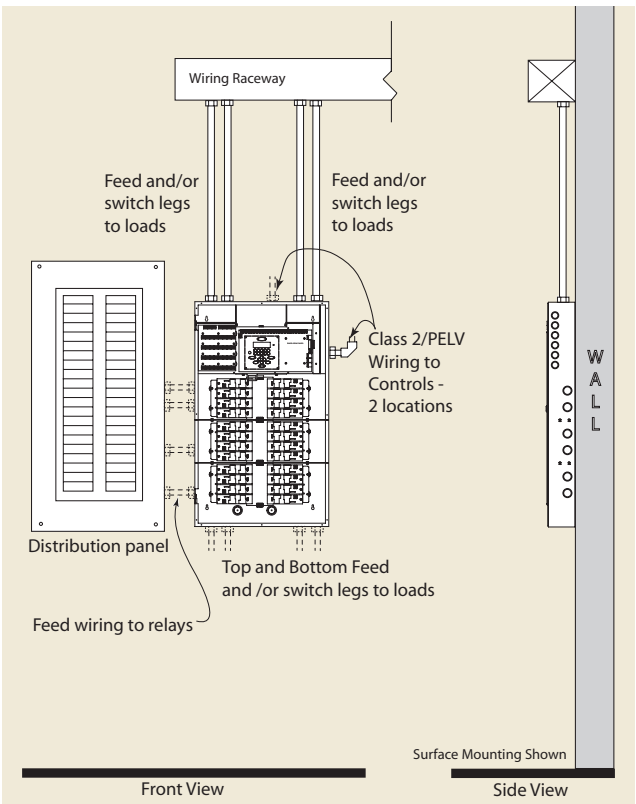


BASIC MOUNTING DIAGRAMS

8-Relay Z-MAX



24-Relay (& 48-Relay) Z-MAX



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O

SECTION

Wire Mesh Safety Grips

Pulling Grips – Low Tension

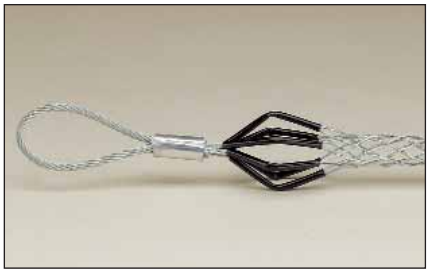
LEVITON

2 YEAR LIMITED WARRANTY

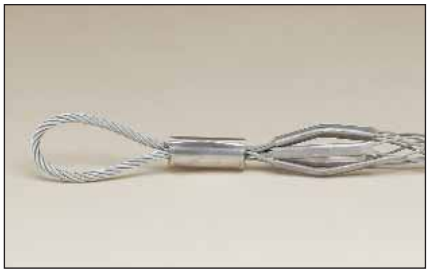
SPECIFICATIONS & FEATURES

GENERAL

- *Junior Duty Series Grips* are indispensable tools for electricians with small job requirements. They are used to connect insulated wire bundles to pull tape or to pull wire rope through conduit.
- *Light Duty Grips* are the most economical pulling grips for many applications, such as industrial plant wiring, rewiring, and underground electrical pulls.



FLEXIBLE EYE PULLING GRIP – L8503



FLEXIBLE EYE PULLING GRIP – L8511

Junior Duty

CATALOG NUMBER	CABLE DIAMETER RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*	MESH LENGTH (INCHES)
Flexible Rope Eye, Closed Mesh, Single Weave, Standard Length			
L8500	0.25–0.36	1,700	5
L8501	0.37–0.49	1,700	7
L8502	0.50–0.61	1,700	8
L8503	0.62–0.74	2,800	10
L8504	0.75–0.99	4,100	10
L8505	1.00–1.24	4,100	12

KIT CATALOG NUMBER	KIT INCLUDES ONE EACH OF CATALOG NUMBER
Flexible Rope Eye, Closed Mesh, Single Weave, Junior Duty, Pulling Wire Mesh Grip, Standard Length	
L8510	L8500, L8501, L8502, L8503, L8504, L8505

Light Duty

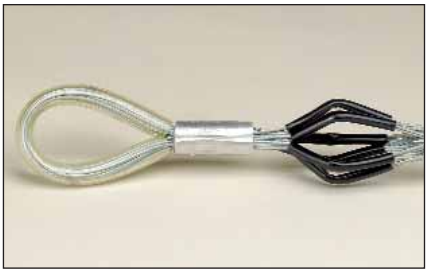
CATALOG NUMBER	CABLE DIAMETER RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*	MESH LENGTH (INCHES)
Flexible Rope Eye, Closed Mesh, Single Weave, Short Length			
L8511	0.50–0.61	3,400	12
L8512	0.62–0.74	4,100	14
L8513	0.75–0.99	4,100	14
L8514	1.00–1.24	5,800	16.5
L8515	1.25–1.49	5,800	17
L8516	1.50–1.74	7,500	20
L8517	1.75–1.99	10,000	23
L8518	2.00–2.49	10,000	23
L8519	2.50–2.99	13,000	23
Flexible Rope Eye, Closed Mesh, Single Weave, Medium Length			
L8523	0.50–0.61	3,400	16
L8524	0.62–0.74	4,100	16
L8525	0.75–0.99	4,100	20
L8526	1.00–1.24	7,500	20
L8527	1.25–1.49	7,500	22
L8528	1.50–1.99	7,500	25
L8529	2.00–2.49	10,000	26
L8530	2.50–2.99	13,000	28
L8531	3.00–3.49	16,200	30
L8532	3.50–3.99	19,400	27

KIT CATALOG NUMBER	KIT INCLUDES ONE EACH OF CATALOG NUMBER
Flexible Rope Eye, Closed Mesh, Single Weave, Medium Length	
L8540	L8525, L8526, L8528, L8529

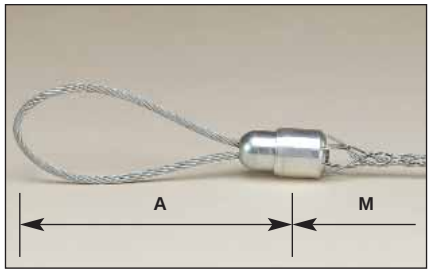
*To determine workload safety factor, divide approximate break strength by 5. See page O25 for strength information.

2 YEAR LIMITED WARRANTY

SPECIFICATIONS & FEATURES
GENERAL
• *Single/Double Weave Pulling Grips* are ideal for longer pull applications. • *Fiber Optic Grips* are made to pull delicate communication and data lines that have a much smaller cable diameter.



FLEXIBLE EYE PULLING GRIP – L8545



FLEXIBLE ROTATING EYE FIBER OPTIC GRIP L8801

Pulling Grips – Underground, Medium Duty

CATALOG NUMBER	CABLE DIAMETER RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*	MESH LENGTH (INCHES)
Flexible Eye, Closed Mesh, Single/Double Weave, Standard Length			
L8541	0.37–0.49	2,500	12
L8542	0.50–0.74	3,400	14
L8543	0.75–0.99	5,500	18
L8544	1.00–1.24	8,100	22
L8545	1.25–1.49	8,100	24
L8546	1.50–1.99	8,100	26

KIT CATALOG NUMBER	KIT INCLUDES ONE EACH OF CATALOG NUMBER
Flexible Eye, Closed Mesh, Single/Double Weave, Medium Duty, Pulling Wire Mesh Grip, Standard Length	
L8550	L8541, L8542, L8543, L8544, L8545, L8546

Pulling Grips — Fiber Optic, Light Duty

Fiber Optic Pulling Grips are used for installation of fiber optic communication lines. They easily install on cables and are reusable. Applications include underground, overhead, through-conduit and/or enclosure type pulls.

Leviton fiber optic pulling grips are two-in-one reusable grips: the same tool features both a flexible eye and a swivel eye. The rounded, flexible eye attaches easily to pulling lines, and allows smoother passage through tight spaces than needle-eye designs.

CATALOG NUMBER	CABLE DIAMETER RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*	LENGTH		NOSE DIAMETER
			BALE (DIM. A)	MESH (DIM. M)	
Flexible Rotating Eye, Closed Mesh, Multi Weave, Standard Length					
L8801	.10–.20	1,000	4.75	9	.8
L8802	.21–.35	1,500	4.75	14	.8
L8803	.35–.48	2,200	5.00	18	.9
L8804	.42–.61	2,800	5.00	21	.9
L8805	.53–.74	3,300	5.00	24	1.2
L8806	.64–.87	4,700	5.00	27	1.2

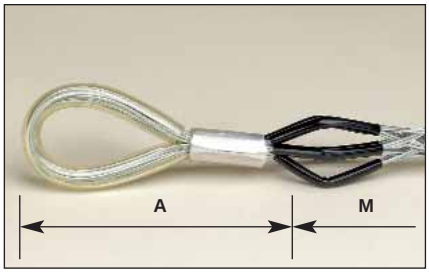
*To determine workload safety factor, divide approximate break strength by 5. See page O25 for strength information.

Pulling Grips – Underground

LEVITON

2 YEAR LIMITED WARRANTY

SPECIFICATIONS & FEATURES
GENERAL
• This Series is recommended for heavy or rugged applications, and is ideally suited for overhead and underground installations. They are offered in short, standard or long mesh lengths.



FLEXIBLE EYE PULLING GRIP – L8552

Underground Pulling – Medium Duty, T-Type, Flexible Eye

CATALOG NUMBER	CABLE DIA. RANGE (INCHES)	NOMINAL GRIP SIZE	APPROX. BREAK STRENGTH*	LENGTH		EYE SIZE (INCHES)
				BALE (DIM. A)	MESH (DIM. M)	
Flexible Eye, Closed Mesh, Single/Double Weave, Short Length						
L8551	0.50–0.61	0.55	4,500	8	21	7/32
L8552	0.62–0.74	0.68	5,600	8	24	1/4
L8553	0.75–0.99	0.87	6,800	8	24	1/4
L8554	1.00–1.49	1.25	9,600	9	24	5/16
L8555	1.50–1.99	1.75	16,400	11	24	7/16
L8556	2.00–2.49	2.25	18,500	12	24	7/16
L8557	2.50–2.99	2.75	24,500	12	24	1/2
L8558	3.00–3.49	3.25	24,500	14	24	1/2
L8559	3.50–3.99	3.75	31,000	14	26	5/8
Flexible Eye, Closed Mesh, Single/Double Weave, Short Length						
L8563	0.75–0.99	0.87	6,800	9	36	1/4
L8564	1.00–1.49	1.25	9,600	9	36	5/16
L8565	1.50–1.99	1.75	16,400	11	36	7/16
L8566	2.00–2.49	2.25	18,500	12	36	7/16
L8567	2.50–2.99	2.75	24,500	12	36	1/2
L8568	3.00–3.49	3.25	24,500	14	36	1/2
L8569	3.50–3.99	3.75	31,000	14	40	5/8

KIT CATALOG NUMBER	KIT INCLUDES ONE EACH OF CATALOG NUMBER
Flexible Eye, Closed Mesh, Single/Double Weave, Short Length	
L8560	L8563, L8564, L8565, L8566

Underground Pulling – Medium Duty, Flexible Eye

CATALOG NUMBER	CABLE DIAMETER RANGE (INCHES)	NOMINAL GRIP SIZE	APPROXIMATE BREAK STRENGTH*	MESH DIM. M (INCHES)
Flexible Eye, Closed Mesh, Single/Double Weave, Long Length				
L8573	1.00–1.49	1.25	11,600	48
L8575	2.00–2.49	2.25	19,400	48
L8576	2.50–2.99	2.75	25,900	48
L8577	3.00–3.49	3.25	25,900	48

Note: See installation instructions supplied with grip for recommended swivels, links and clamps or accessories listing.
*To determine workload safety factor, divide approximate break strength by 5. See page O25 for strength information.

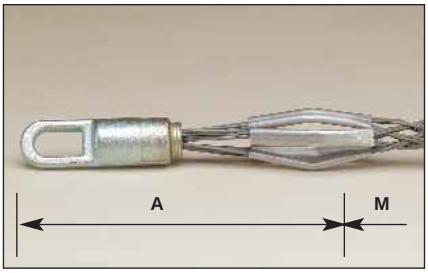
Pulling Grips – Underground

2 YEAR LIMITED WARRANTY

SPECIFICATIONS & FEATURES

GENERAL

- This series of grips feature a double weave of galvanized steel strands for greater strength and added mesh contact with the cable. Leviton Double Weave Pulling Grips are designed to handle longer or heavier pulling jobs such as installation of underground cables, communication lines, and service lines.
- *Double Weave Pulling Grips* have a forged steel compact rotating eye which can be attached to a swivel.



FORGED ROTATING EYE PULLING GRIP – L8581

Underground Pulling, Heavy Duty, K-Type, Forged Rotating Eye

CATALOG NUMBER	CABLE DIA. RANGE (INCHES)	NOMINAL GRIP SIZE	APPROX. BREAK STRENGTH*	LENGTH		EYE SIZE (INCHES)
				BALE (DIM. A)	MESH (DIM. M)	
Forged Rotating Eye, Closed Mesh, Double Weave, Short Length						
L8581	0.50–0.61	0.55	5,600	5	11	7/8
L8582	0.62–0.74	0.68	6,800	5	11	7/8
L8583	0.75–0.99	0.87	9,600	6	20	1
L8584	1.00–1.24	1.12	16,400	7	20	1-3/8
L8585	1.25–1.49	1.37	16,400	7	21	1-3/8
L8586	1.50–1.99	1.74	27,200	7	25	1-5/8
L8587	2.00–2.49	2.24	33,000	8	26	1-7/8
L8588	2.50–2.99	2.74	41,000	10	28	1-7/8
L8589	3.00–3.49	3.24	48,000	10	30	1-7/8
L8592	4.00–4.49	4.24	48,000	10	33	1-7/8
Forged Rotating Eye, Closed Mesh, Double Weave, Medium Length						
L8601	0.50–0.61	0.55	5,600	5	16	7/8
L8602	0.62–0.74	0.68	6,800	5	16	7/8
L8603	0.75–0.99	0.87	9,600	6	32	1
L8604	1.00–1.24	1.12	16,400	7	33	1-3/8
L8605	1.25–1.49	1.74	16,400	7	34	1-3/8
L8606	1.50–1.99	2.24	27,200	9	36	1-5/8
L8607	2.00–2.49	2.74	33,000	10	38	1-7/8
L8608	2.50–2.99	3.24	41,000	10	39	1-7/8
L8609	3.50–3.99	3.74	48,000	10	41	1-7/8
L8611	3.50–4.99	4.24	48,000	10	42	1-7/8
L8612	4.00–4.49	4.74	48,000	10	58	1-7/8
L8613	5.00–5.99	5.49	48,000	10	60	1-7/8
L8614	6.00–6.99	6.49	48,000	10	66	1-7/8

KIT CATALOG NUMBER	KIT INCLUDES ONE EACH OF CATALOG NUMBER
Forged Rotating Eye, Closed Mesh, Double Weave, Heavy Duty, Pulling Wire Mesh Grip, Medium Length	
L8600	L8603, L8604, L8605, L8606

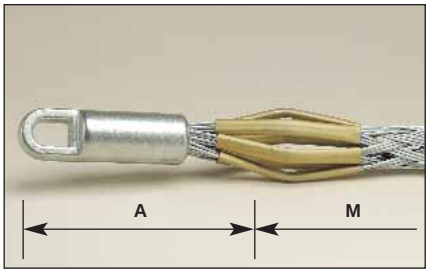
Note: See installation instructions supplied with grip for recommended swivels, links and clamps or accessories listing.
*To determine workload safety factor, divide approximate break strength by 5. See page O25 for strength information.

Pulling Grips – Overhead

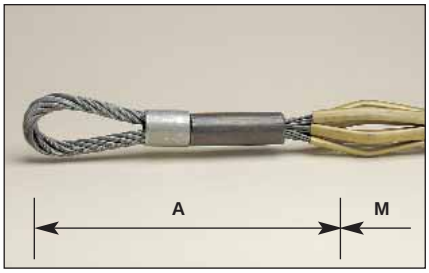
LEVITON

2 YEAR LIMITED WARRANTY

SPECIFICATIONS & FEATURES
GENERAL
• Leviton Multi-Weave Pulling Grips are used in applications such as distribution line stringing and overhead transmission.



FORGED ROTATING EYE GRIP – L8624



FLEXIBLE EYE GRIP – L8644

Overhead Pulling, Moderate, Forged Rotating Eye

Leviton Multi-Weave Pulling Grips are constructed of high strength galvanized steel strands and are designed for pulling aluminum or copper bare conductor, wire rope and insulated cables.

Multi-Weave Pulling Grips are available with a flexible or rotating eye which can be attached to a swivel. The forged steel flexible eye will thread through sheaves and blocks without binding, but is not a swivel and will not turn under tension. The rotating eye can turn to relieve pulling torque when tension is relaxed.

CATALOG NUMBER	CABLE DIA. RANGE (INCHES)	NOMINAL GRIP SIZE	APPROX. BREAK STRENGTH*	LENGTH		COLOR CODE	EYE SIZE (INCHES)
				BALE (DIM. A)	MESH (DIM. M)		
Forged Rotating Eye, Closed Mesh, Double Weave, Heavy Duty, Pulling Wire Mesh Grip, Standard Length							
L8621	0.25–0.49	3/8	6,800	5	26	Dk. Green	7/8
L8622	0.50–0.74	5/8	10,000	6	32	Brown	1
L8623	0.75–0.99	7/8	14,400	6	41	Lt. Blue	1
L8624	1.00–1.24	1-1/8	24,600	8	52	Gold	1-3/8
L8625	1.25–1.49	1-3/8	30,600	8	56	Black	1-5/8
L8626	1.50–1.74	1-5/8	30,600	9	60	Red	1-7/8
L8627	1.75–1.99	2	48,000	10	70	Dk. Blue	1-7/8
L8628	2.00–2.49	2-1/4	48,000	10	50	Yellow	1-7/8
L8632	3.50–3.99	3-3/4	48,000	10	56	Lt. Green	1-7/8

Overhead Pulling, Moderate, Flexible Eye

Flexible Eye, Closed Mesh, Multi Weave, Standard Length							
L8641	0.25–0.49	3/8	6,800	9	26	Dk. Green	1/4
L8642	0.50–0.74	5/8	10,000	9	32	Brown	5/16
L8643	0.75–0.99	7/8	14,400	11	41	Lt. Blue	3/8
L8644	1.00–1.24	1-1/8	24,600	12	52	Gold	1/2
L8645	1.25–1.49	1-3/8	30,600	12	56	Black	1/2
L8646	1.50–1.74	1-5/8	30,600	12	60	Red	1/2

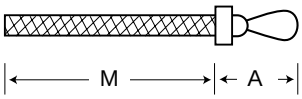
Note: It is recommended that a swivel be used for release of torque during a pull. Use a connecting link when a swivel is not needed. Do not run grips or swivels over bullwheels while under tension. Do not use Multi-Weave for pulling rope. When higher loads are required, use Leviton's high strength-style pulling grips. See installation instructions supplied with grip for recommended swivels, links and clamps or accessories listing.

*To determine workload safety factor, divide approximate break strength by 5. See page O25 for strength information.

2 YEAR LIMITED WARRANTY

SPECIFICATIONS & FEATURES
GENERAL
• *High Strength Pulling Grips* are designed for situations where load and safety considerations require an extra high strength grip. Most commonly used for attaching pulling lines to conductors, conductors to running boards, and conductor-to-conductor connections. They can be used for pulling bare or insulated conductor, wire rope or synthetic rope. A feed tube is used when assembling synthetic rope[1] into the High Strength Pulling Grip and is required on the two largest grip sizes.

FLEXIBLE EYE HEAVY DUTY GRIP – L8663



Overhead Pulling – High Load, Flexible Eye

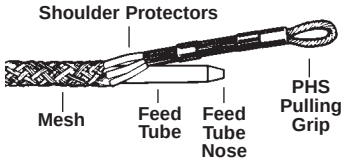
CATALOG NUMBER	GRIP RANGE O.D. (INCHES) ROPE	GRIP RANGE O.D. (INCHES) CONDUCTOR	APPROX. BREAK STRENGTH*	LENGTH (INCHES) BALE (DIM.A)	LENGTH (INCHES) MESH (DIM. M)	COLOR CODE	FLEXIBLE EYE SIZE (INCHES)
Flexible Eye, Closed Mesh, Multi Weave, Standard Length							
L8660	0.25–0.65	0.19–0.37	6,500	10	24	Black	.218
L8661	0.50–0.90	0.38–0.62	14,000	13	26	Dk. Green	.375
L8662	0.75–1.10	0.63–0.87	20,000	14	48	Red	.437
L8663	1.00–1.50	0.88–1.12	30,600	15	60	Dk. Blue	.500
L8664	1.25–1.70	1.13–1.37	46,800	18	76	Yellow	.625
L8665	1.50–2.10	1.38–1.90	66,500	24	89	Alum.	.750

[1]For rope, select smallest size grip which meets required workload.

*To determine workload safety factor, divide approximate break strength by 5. See page O25 for strength information.

Recommended Rope Assembly Using High Strength Feed Tube

1) Insert feed tube into High Strength Pulling Grip.
2) Insert rope end fully into feed tube.
3) Hold rope in feed tube by pinning rope to the ground with end of tube. Pull mesh down onto feed so feed tube nose is protruding through shoulder protectors as shown.
4) Push mesh to end of feed tube and pull feed tube through mesh. When tube is pulled, the mesh gripping action will hold rope in place.
5) Position rope so that its end is inside the shoulder protectors. Remove slack from mesh by smoothing mesh tight to rope.
6) Apply clamps to mesh end.



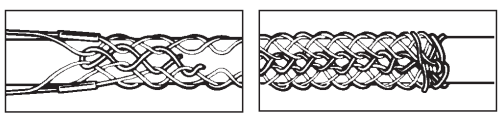
Split-Lace/Split-Rod Attachments
(for use where end of cable is not accessible—applies to slack grips only)

Beginning at the end of the grip closest to the bale fitting, thread the lacing through the first two loops of the split, pulling the lace through until the ends are centered evenly. Cross the laces and thread them through the next two loops, and so on down the grip, being careful not to pull the lacing too tight.

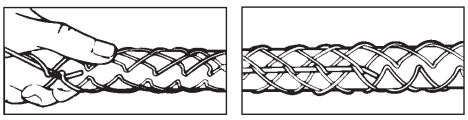
Spacing of the laced closure should be approximately the same as the mesh weave. When the end of grip is reached, twist the lacing strands tightly together, wrapping the ends of the lace around the grip, and twisting again to secure. Excess length may be cut off.

Split grips with rod closing are economical, since they are quickly installed, and are reusable. Simply wrap the grip around the cable and thread the rod through the loops, using a corkscrew motion. To remove, pull the rod out, and the grip is ready for re-use.

Split-Lace



Split-Rod



Pulling Grips – Underground

LEVITON

2 YEAR LIMITED WARRANTY

SPECIFICATIONS & FEATURES

GENERAL

- *Slack Grips* are reusable grips used for pulling slack in underground cable preparatory to final placement. They may also be used for cable removal. Slack Grips feature an offset eye for easy attachment to the pulling line. See attachment information for split lace and split rod on page O12.

OFFSET EYE – L8671

OFFSET EYE – L8703

OFFSET EYE – L8711

Underground Pulling – Slack Pulling, Offset Eye

CATALOG NUMBER	CABLE DIAMETER RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*	MESH LENGTH (INCHES)
Offset Eye, Closed Mesh, Double Weave, Heavy Duty, Medium Length			
L8671	0.75–0.99	3,000	13
L8672	1.00–1.24	4,200	16
L8673	1.25–1.49	5,500	17
L8674	1.50–1.74	7,400	18
L8675	1.75–1.99	11,000	19
L8676	2.00–2.49	11,000	20
L8677	2.50–2.99	11,000	21
L8678	3.00–3.49	16,000	22
L8679	3.50–3.99	16,000	23
Offset Eye, Closed Mesh, Double Weave, Heavy Duty, Long Length			
L8681	0.75–0.99	3,000	21
L8684	1.50–1.74	7,400	26
L8685	2.00–2.49	11,000	27
L8686	2.50–2.99	11,000	30
Offset Eye, Split Lace Mesh, Double Weave, Heavy Duty, Medium Length			
L8691	0.75–0.99	3,000	13
L8692	1.00–1.24	4,100	16
L8693	1.25–1.49	4,100	17
L8694	1.50–1.74	5,500	18
L8695	1.75–1.99	7,300	19
L8696	2.00–2.49	7,300	20
L8697	2.50–2.99	7,300	21
L8699	3.50–3.99	11,000	23
Offset Eye, Split Lace Mesh, Double Weave, Heavy Duty, Long Length			
L8703	1.25–1.49	4,100	24
L8705	2.00–2.49	7,300	27
L8706	2.50–2.99	7,300	30
L8707	3.00–3.49	9,200	33
L8708	3.50–3.99	11,000	36
Offset Eye, Split Rod Mesh, Single Weave, Heavy Duty, Medium Length			
L8711	0.50–0.61	1,800	7
L8712	0.62–0.74	1,900	9
L8713	0.75–0.99	3,000	11
L8714	1.00–1.24	4,100	12
L8715	1.25–1.49	5,700	14
L8716	1.50–1.74	5,800	16
L8717	1.75–1.99	7,700	17
L8718	2.00–2.49	9,300	20
L8719	2.50–2.99	11,300	21
L8721	3.00–3.49	15,100	22
L8722	3.50–3.99	15,100	25

2 YEAR LIMITED WARRANTY

SPECIFICATIONS & FEATURES

GENERAL

- *Strain-Relief Grips* are used to connect cord or cable to electrical enclosures and equipment. These grips prevent pullout due to tension and limit the arc of bend at the point of entry; strain is distributed over the length of mesh rather than concentrated at one point or transferred to the internal termination.

GALV. STEEL MESH
L7504

STRAIGHT – SS MESH
L7521

90˚ – SS MESH
L7527

STRAIGHT – NYLON MESH
L7553

Wide Range Grips

Wide-Range Grips are recommended for use in wiring of enclosures, power boxes, machine tools, and power centers. They include an insulated bushing (dust-tight).

CATALOG NUMBER	CABLE DIAMETER RANGE (INCHES)	NPT GRIP SIZE	MESH LENGTH @ NOMINAL DIA. (INCHES)	MINIMUM DISTANCE BETWEEN GRIPS (INCHES)
NPT, Straight, Male, Insulated Fitting, Steel Body, Wide-Range, Strain-Relief				
L7501	0.22–0.32	1/2	4	1-1/4
L7502	0.30–0.43	1/2	4-1/2	1-1/4
L7503	0.40–0.54	1/2	5-1/2	1-1/4
L7504	0.52–0.73	3/4	5-1/2	1-1/2
L7505	0.70–0.97	1	8	1-7/8
L7506	0.94–1.25	1-1/4	9	2-3/8
L7507	1.20–1.50	1-1/2	11	2-5/8
L7508	1.40–1.75	2	13	3-1/4
L7509	1.62–2.00	2-1/2	13-1/2	3-5/8
L7511	2.00–2.45	2-1/2	13-1/2	3-5/8

Cord Sealing Grips

Cord Sealing Grips with Mesh are nylon devices used to connect electrical cables to boxes, cabinets, pushbuttons, enclosures, etc. They are liquid-tight devices that are highly resistant to impact and corrosion. Non-metallic cord sealing grips will not support combustion. The ratings are: Wire Mesh Grip-94 HB and Fitting-94V-2. Cord Sealing Grip products are suitable for use in wet locations so long as a listed sealing ring is used between the box and the fitting.

NPT CATALOG NUMBERS				CABLE DIAMETER RANGE (INCHES)	NPT (FORM SIZE)
STAINLESS STEEL MESH		NON-METALLIC MESH			
STRAIGHT	90˚	STRAIGHT	90˚		
L7521	–	L7522	L7524	.187–.250	1/2"
–	L7527	–	L7528	.250–.312	1/2"
–	L7532	–	L7533	.312–.375	1/2"
–	L7536	–	–	.375–.437	(F2)
L7538	L7541	L7539	L7542	.437–.500	1/2"
L7543[1]	L7544[1]	–	–	.500–.562	1/2"
L7545[1]	L7546[1]	–	–	.562–.625	1/2"
L7601	–	L7602	L7604	.187–.250	
L7605	–	–	–	.250–.375	
–	L7612	–	–	.375–.437	
–	–	–	L7551	.437–.562	3/4"
L7552	L7554	L7553	L7555	.500–.625	3/4" (F3)
L7556	–	–	L7559	.562–.687	
L7561	L7563	L7562	–	.625–.750	3/4"
L7565[1]	L7566[1]	–	–	.687–.812	3/4"
L7567	–	L7568	L7569	.437–.562	1"
–	L7573	–	L7574	.500–.625	1"
–	L7582	–	–	.625–.750	1"
L7584	–	–	L7587	.687–.812	1" (F4)
L7588	–	–	L7592	.750–.875	1"
–	–	–	–	.812–.937	
L7597	–	–	–	.875–1.000	1"

[1]Cable jacket may have to be stripped for clearance. NOTE: F2, F3 and F4 are fitting form sizes.
*Cord Sealing Grips with non-metallic mesh are UL Listed and CSA Certified. Cord Sealing Grips with stainless steel mesh are CSA Certified only.

LEVITON

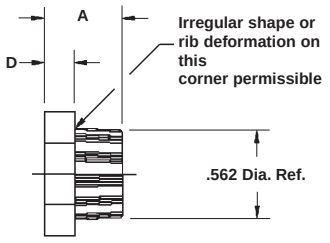
Dimensions

2 YEAR LIMITED WARRANTY

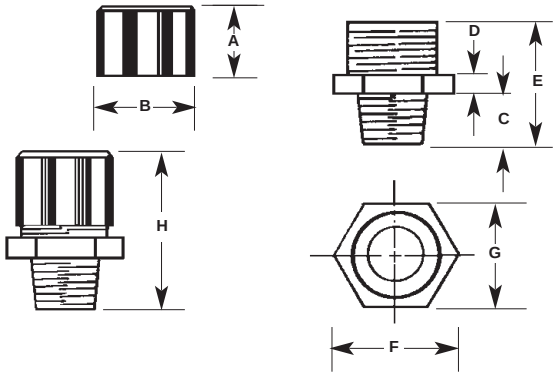
Dimensions for Nylon Cord-Sealing Fittings, Straight Body

FORM	NPT	A	B	C	D	E	F	G	H (REF.)
0	1/4"	.500	.778	.370	.187	.921	.778	.687	1.25
1	3/8"	1.000	1.150	.500	.250	1.250	1.115	1.000	1.85
2	1/2"	1.000	1.300	.500	.300	1.450	1.250	1.100	2.00
3	3/4"	1.000	1.500	.550	.375	1.700	1.578	1.375	2.00
4	1"	1.000	1.850	.687	.375	1.800	1.900	1.650	2.12
5	1 1/4"	1.000	2.050	.687	.375	1.800	2.100	1.850	2.12

Form 0

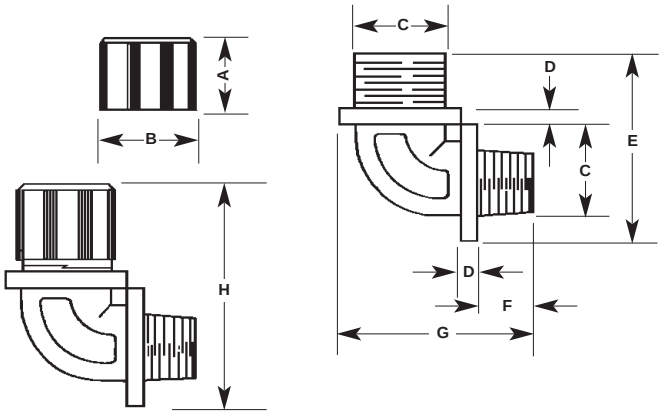


Forms 1–5



Dimensions for Nylon Cord-Sealing Fittings, 90˚ Body

FORM	NPT	A	B	C	D	E	F	G	H (REF.)
1	3/8"	1.000	1.150	1.100	.187	1.812	.450	1.687	2.35
2	1/2"	1.000	1.300	1.165	.187	1.900	.578	1.820	2.40
3	3/4"	1.000	1.500	1.600	.187	2.421	.593	2.218	2.75
4	1"	1.000	1.850	1.850	.187	2.656	.800	2.700	3.00
5	1 1/4"	1.000	2.050	1.965	.187	2.859	.750	2.812	3.25



Deluxe Cord Grips

2 YEAR LIMITED WARRANTY

SPECIFICATIONS & FEATURES

GENERAL

- *Deluxe Cord Grips* are woven of stainless steel mesh with an anodized aluminum body for corrosion resistance. They are offered in Single/Double Weave construction to help absorb direct pull, resist flexing and binding, and eliminate strain. Aluminum fittings are offered in a variety of NPT thread sizes. They are recommended for indoor or outdoor use where moisture may be present in the wiring of pendant stations, processing equipment, hand tools, and extension cord sets. They are UL Listed and CSA Certified.
- *Deluxe Cord Grips* are suitable for use in hazardous locations per Class I, Div. 2; Class II, Div. 1 and 2; and Class III, Div. 1 and 2. They are also suitable for use in wet locations as long as a listed sealing ring is used between the box and the fitting.

STRAIGHT MALE – L7701

90˚ MALE – L7761

45˚ MALE – L7802

STRAIGHT FEMALE – L7822

NPT Deluxe Cord Sealing Strain-Relief UL CSA*

CATALOG NUMBER				CABLE DIA. RANGE (INCHES)	NTP SIZE (INCHES)
STRAIGHT MALE	90˚ MALE	45˚ MALE	STRAIGHT FEMALE		
L7701	–	–	–	.187–.250	3/8"
L7702	–	–	–	.250–.312	
L7703	–	–	L7822	.312–.375	3/8"
L7704	–	–	–	.375–.437	
L7705	L7761	–	–	.187–.250	
L7706	–	L7802	–	.250–.375	
L7707	L7763	L7803	L7826	.375–.500	1/2"
L7708	L7764	L7804	L7827	.500–.625	
L7709*	–	–	–	.625–.750	
L7711	L7765	L7805	–	.250–.375	3/4"
L7712	–	L7806	–	.375–.500	
L7700	L7767	L7807	L7831	.500–.625	3/4"
L7713	L7768	L7808	–	.625–.750	1"
L7714*	–	–	–	.750–.875	
L7715*	L7769		–	.437–.562	
L7716*	–	–	L7833	.562–.687	1"
L7717	L7772	–	L7834	.625–.750	1"
L7718	–	–	–	.750–.875	
L7719	–	–	L7836	.875–1.000	
L7721*	–	–	–	1.000–1.125	
L7722*	–	–	–	1.125–1.250	
L7723*	–	–	–	.750–.875	
L7724	–	–	–	.875–1.000	
L7725	–	–	–	1.000–1.125	1-1/4"
L7726	L7778	–	–	1.125–1.250	
L7727	–	–	–	1.250–1.375	
L7728*	–	–	–	.750–.875	
L7729	L7782	–	–	.875–1.000	
L7731	–	–	–	1.000–1.125	1-1/2"
L7732	L7784	–	–	1.125–1.250	
L7733	L7785	–	–	1.250–1.375	
L8011	–	–	–	1.312–1.437	
L7770	–	–	–	1.437–1.562	
L7750	–	–	–	1.562–1.687	
L7760	–	–	–	1.687–1.812	1-1/2"
L7734	–	–	–	1.250–1.375	
L7736	–	–	–	1.500–1.625	2"
L7737	L7789	–	–	1.625–1.750	
–	L7791	–	–	1.750–1.875	
L7730	–	–	–	2.187–2.312	
L7739	–	–	–	1.688–1.812	
L7742	–	–	–	1.937–2.062	2-1/2"
L7743	–	–	–	2.062–2.187	
L7744	–	–	–	2.187–2.312	
L7745	–	–	–	1.750–1.875	3"
L7746	–	–	–	1.875–2.000	3"
L7747	–	–	–	2.000–2.125	3"
L7748	–	–	–	2.125–2.250	3"
L7751	–	–	–	2.312–2.437	3"
L7752	–	–	–	2.437–2.625	3"
L7754	–	–	–	2.812–3.000	3"
L7755	–	–	–	3.000–3.250	3"

Liquid Tight Grips

LEVITON

2 YEAR LIMITED WARRANTY

SPECIFICATIONS & FEATURES

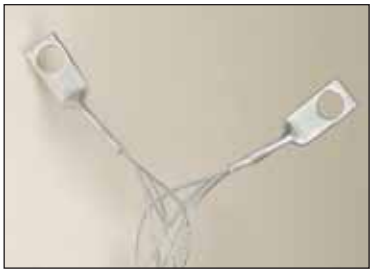
GENERAL

- *Liquid-Tight Grips* are recommended in the wiring of motors and any electrical enclosure where liquid-tight conduit is subject to motion or strain. UL Listed and CSA Certified.
- *Connection Wire Mesh Grips* provide strain-relief for plugs & connectors used on portable equipment in commercial & institutional applications, and industrial plant & construction site areas which incur abnormally high abuse. Grips are made of galvanized steel.

STRAIGHT MALE
L7902

STRAIGHT FEMALE
L7951

90˚ MALE
L7990



CONNECTION WIRE MESH GRIP – L8003

Liquid-Tight Grips

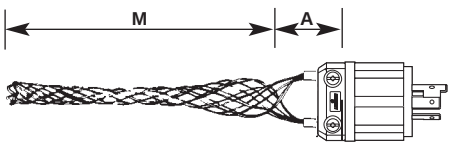
Liquid-Tight Grips are woven stainless steel mesh with an anodized aluminum body for corrosion-resistance. They are used to connect liquid-tight flexible metal conduit to electrical enclosures to prevent conduit pullout. Each fitting is supplied with an insulated throat to ensure conductor insulation and protect against damage caused by flexing, heat expansion or contraction.

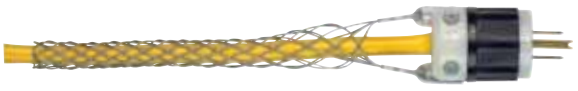
CATALOG NUMBER				FITTING SIZE (INCHES)	MESH LENGTH (INCHES)
STRAIGHT MALE	90˚ MALE	45˚ MALE	STRAIGHT FEMALE		
NPT, Aluminum Body, Liquid-Tight for Flexible Metal Conduit, Strand-Relief Grip					
–	–	L7931	L7951	3/8	2-5/8
L7902	L7916	L7932	–	1/2	3-7/8
L7903	L7917	L7953	–	3/4	4-3/8
L7904	L7918	–	L7954	1	5-1/4
L7905	L7919	–	–	1-1/4	5-5/8
L7906	L7921	–	–	1-1/2	5-3/4
L7907	L7922	–	–	2	7-1/2
L7908	–	–	–	2-1/2	9-5/8
L7911	L7924	L7939	–	3	10-5/8
L7912	–	–	–	4	12

CATALOG NUMBER		FITTING SIZE (INCHES)	MESH LENGTH (INCHES)
STRAIGHT MALE	90˚ MALE		
NPT, Aluminum Body, Liquid-Tight for Non-Metallic Type A Conduit, Strand-Relief Grip			
L7962	L7990	1/2	10
–	L7967	3/4	10-1/2
–	L7968	1	12
L7965	L7969	1-1/4	17
–	L7971	1-1/2	21-1/2
L7970	L7972	2	24

Connection Wire Mesh Grips

CATALOG NUMBER	CABLE DIAMETER RANGE (INCHES)	EYE DIMENSIONS (A) (INCHES)	MESH LENGTH (M) (INCHES)
I-Grip, Closed Mesh, Single Weave, Portable Cable Duty, Wiring Device Wire Mesh Grip			
L8001	.30–.43	1-11/16	4-3/4
L8002	.40–.56	1-11/16	6
L8003	.52–.73	1-11/16	7
L8004	.70–.85	1-15/16	8-1/2
L8005	.82–1.00	1-15/16	8-1/2
L8006	.94–1.25	1-15/16	10-1/2





5266-C (Plug) with L8002 (Mesh Grip)

2 YEAR LIMITED WARRANTY

Support Grips

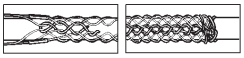
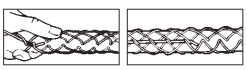
Support Grips are designed to hold the weight of cable on vertical or sloping runs. They may be used indoors or outdoors to support electrical and fiber optic cable, metal rods and tubing.

Leviton Support Grips are woven with tinned bronze wire. For applications requiring a greater degree of corrosion resistance, stainless steel wire is available on special order. For information regarding selection of the proper-sized support grip, see pages O22-O24.

Style

DESCRIPTION	SUPPORT GRIP
Single "U" Style	
For use when cable is vertical and for applications where cable bends or where a single attachment is more advantageous for positioning.	
Double "U" Style	
For use when cable is vertical and extends through the grip without bending. Eyes may be fastened to open hooks, but should not be more than 15° from the axis of vertical cable. When eyes are supported equally, this attachment offers a fully balanced load.	
Offset Eye	
Similar to single eye applications, but for use when offset positioning is required.	
Locking (Universal) Bale	
Adjustable and self-locking, this attachment fits around a beam, pipe or other continuous structural object. The bale wraps around the object and is securely anchored in the bar.	

Split Lace/Split Rod

DESCRIPTION	SUPPORT GRIP
Split Lace	
Beginning at the lead end of the grip, thread the lacing through the first two loops of the split, pulling the lace through until the ends are centered evenly. Cross laces and thread through the next two loops, and so on down the grip, being careful not to pull the lacing too tight. The spacing of the lace closure should be approximately the same as that of the mesh weave. When the end of grip is reached, twist the lacing strands tightly together; wrap the ends of the lace around the grip and twist again to secure. Excess length may be cut off.	
Split Rod	
Split grips with rod closing install quickly and they are economical and reusable. Simply wrap the grip around the cable and thread the rod through the loops, using a corkscrew motion. To remove, pull the rod out; and the grip ready for is re-use.	

Support Grips

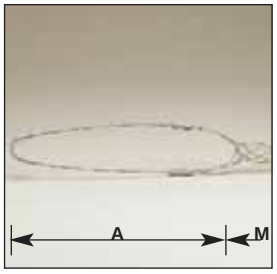
LEVITON

2 YEAR LIMITED WARRANTY

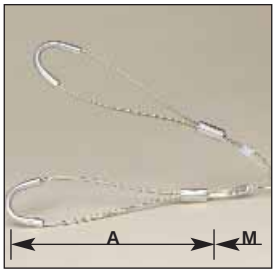
SPECIFICATIONS & FEATURES

GENERAL

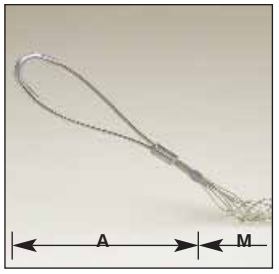
- *Standard Closed Mesh Support Grips* are designed for loads up to 500 lbs. and vertical runs of no more than 100 feet. Heavy-duty closed mesh support grips are designed for loads in excess of 500 lbs. They are available in a variety of eye styles and cable ranges for supporting electrical cable, metal rods and tubing. Closed mesh support grips are used when the end of the cable is accessible. Mesh is made of tinned bronze material.



SINGLE EYE – L9502



DOUBLE EYE – L9515



OFFSET EYE – L9531

Support Grips – Standard Closed Mesh

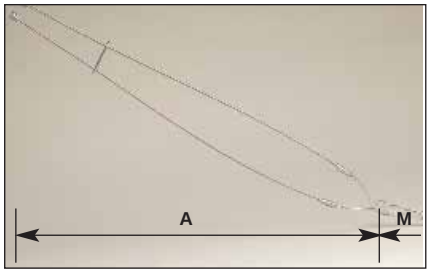
CATALOG NUMBER	CABLE DIAMETER RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
Single Eye, Closed Mesh, Single Weave, Standard Duty, Support Wire Mesh Grip				
L9501	0.50–0.61	770	7	10
L9502/ L9502-SS	0.62–0.74	960	8	10
L9503/ L9503-SS	0.75–0.99	1,300	8	12
L9504/ L9504-SS	1.00–1.24	1,680	9	12
L9505	1.25–1.49	1,680	10	16
L9506	1.50–1.74	1,680	12	17
L9507	1.75–1.99	2,640	14	18
L9508	2.00–2.49	3,760	16	18
L9509	2.50–2.99	3,760	18	21
L9511	3.00–3.49	5,040	21	26
L9512	3.50–3.99	5,040	24	28
Double Eye, Closed Mesh, Single Weave, Standard Duty, Support Wire Mesh Grip				
L9515	0.50–0.61	770	4	11
L9516	0.62–0.74	1,150	4	11
L9517	0.75–0.99	1,320	4	14
L9518	1.00–1.24	1,920	5	15
L9519	1.25–1.49	1,920	5	16
L9521	1.50–1.74	1,920	6	18
L9523	1.75–1.99	3,360	6	20
L9524	2.00–2.49	3,360	6	22
L9525	2.50–2.99	3,360	6	24
L9526	3.00–3.49	5,280	8	26
Offset Eye, Closed Mesh, Single Weave, Standard Duty, Support Wire Mesh Grip				
L9531	0.50–0.61	770	4	11
L9532	0.62–0.74	960	4	11
L9533	0.75–0.99	960	4	14
L9534	1.00–1.24	1,680	5	15
L9535	1.25–1.49	1,680	5	16
L9536	1.50–1.74	1,680	5	18
L9537	1.75–1.99	2,640	6	20
L9538	2.00–2.49	3,760	6	21
L9539	2.50–2.99	3,760	8	24
L9542	3.50–3.99	5,040	9	28

Note: Support grips are also available in stainless steel—contact your Leviton Representative.

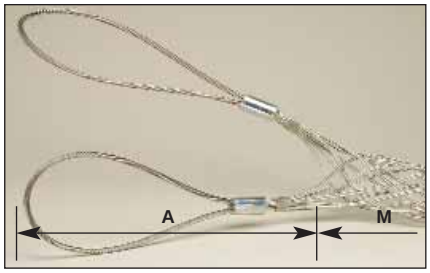
*To determine workload safety factor, divide approximate break strength by 10. See page O25 for strength information.

2 YEAR LIMITED WARRANTY

SPECIFICATIONS & FEATURES
GENERAL
• *Heavy Duty Support Grips* handle continuous loads of over 500 lbs. in vertical runs greater than 100 ft. for cable diameters from 3/4" to 4 1/2".



LOCKING BALE – L9551



DOUBLE EYE – L9715

Support Grips

CATALOG NUMBER	CABLE DIAMETER RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
U Eye, Locking Bale, Closed Mesh, Single Weave, Standard Duty, Support Wire Mesh Grip				
L9551	0.50–0.61	770	11	10
L9552	0.62–0.74	1,150	11	10
L9553	0.75–0.99	1,320	14	12
L9554	1.00–1.24	1,920	15	12
L9555	1.25–1.49	1,920	16	13
L9556	1.50–1.74	1,920	18	17
L9558	2.00–2.49	3,360	21	18
L9559	2.50–2.99	3,360	24	21

Support Grips

CATALOG NUMBER	CABLE DIAMETER RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
Single Eye, Closed Mesh, Double Weave, Heavy Duty, Support Wire Mesh Grip				
L9701	0.75–0.99	2,700	10	26
L9702	1.00–1.24	4,720	10	29
L9703	1.25–1.49	4,720	10	31
L9704	1.50–1.99	4,720	10	35
Double Eye, Closed Mesh, Double Weave, Heavy Duty, Support Wire Mesh Grip				
L9711	0.75–0.99	2,700	10	26
L9712	1.00–1.24	4,720	10	29
L9713	1.25–1.49	4,720	10	31
L9714	1.50–1.99	4,720	10	35
L9715	2.00–2.49	10,080	10	37
L9716	2.50–2.99	10,080	10	39
L9717	3.00–3.49	10,080	10	41
L9718	3.50–3.99	13,120	10	45
L9719	4.00–4.49	13,120	10	47

*To determine workload safety factor, divide approximate break strength by 5. See page O25 for strength information.

Support Grips

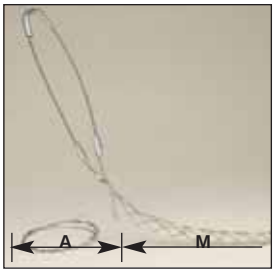
LEVITON

2 YEAR LIMITED WARRANTY

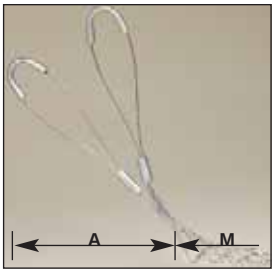
SPECIFICATIONS & FEATURES

GENERAL

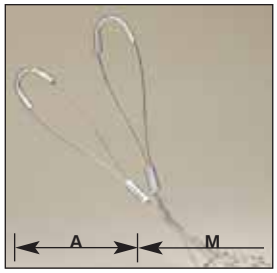
- *Split Lace Support Grips* are designed for loads up to 500 lbs. and vertical runs of no more than 100 feet. Heavy-duty split lace support grips are available in a variety of eye styles and cable ranges for supporting electrical cable, metal rods and tubing. Split lace grips are utilized when the end of the cable cannot be feasibly accessed and the support grip is intended for permanent installation. Mesh is made of tinned bronze material. For attachment information see page O12.



SINGLE U EYE – L9571



DOUBLE U EYE – L9585



OFFSET EYE – L9601

CATALOG NUMBER	CABLE DIAMETER RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
Single Eye, Split Lace Mesh, Single Weave, Standard Duty, Support Wire Mesh Grip				
L9571	0.50–0.61	770	7	11
L9572	0.62–0.74	960	8	11
L9573	0.75–0.99	1,320	8	14
L9574	1.00–1.24	1,680	9	15
L9575	1.25–1.49	1,680	10	16
L9576	1.50–1.74	1,680	12	18
L9577	1.75–1.99	2,640	14	20
L9578	2.00–2.49	3,760	16	22
L9579	2.50–2.99	3,760	18	24
L9581	3.00–3.49	5,040	21	26
L9582	3.50–3.99	5,040	24	28
Double Eye, Split Lace Mesh, Single Weave, Standard Duty, Support Wire Mesh Grip				
L9585	0.50–0.61	770	4	11
L9586	0.62–0.74	1,150	4	11
L9587	0.75–0.99	1,320	4	14
L9588	1.00–1.24	1,920	5	15
L9589	1.25–1.49	1,920	5	16
L9591	1.50–1.74	1,920	5	18
L9592	1.75–1.99	3,150	6	20
L9593	2.00–2.49	3,360	6	22
L9595	3.00–3.49	5,280	8	26
L9596	3.50–3.99	5,280	8	28
Offset Eye, Split Lace Mesh, Single Weave, Standard Duty, Support Wire Mesh Grip				
L9601	0.50–0.61	770	4	11
L9602	0.62–0.74	960	4	11
L9603	0.75–0.99	960	4	14
L9604	1.00–1.24	1,680	5	15
L9605	1.25–1.49	1,680	5	16
L9606	1.50–1.74	1,680	5	18
L9608	2.00–2.49	3,760	8	22
L9609	2.50–2.99	3,760	8	24
L9612	3.50–3.99	5,040	9	28

Note: Support grips are also available in stainless steel—contact your Leviton Representative.

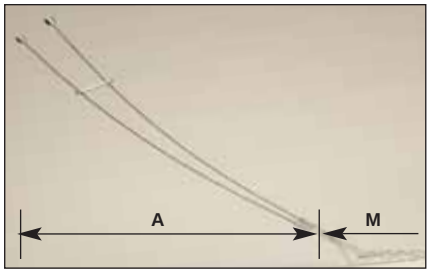
*To determine workload safety factor, divide approximate break strength by 10. See page O25 for strength information.

2 YEAR LIMITED WARRANTY

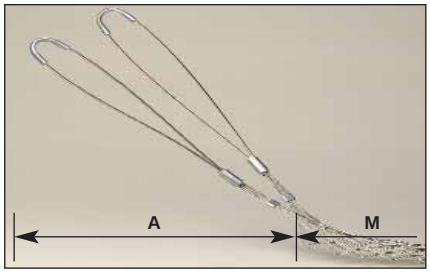
SPECIFICATIONS & FEATURES

GENERAL

- *Heavy Duty Support Grips* handle continuous loads of over 500 lbs. in vertical runs greater than 100 ft. for cable diameters from 3/4" to 4 1/2".



LOCKING BALE – L9621



DOUBLE EYE – L9731

CATALOG NUMBER	CABLE DIAMETER RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
U Eye, Locking Bale, Split Lace Mesh, Single Weave, Standard Duty, Support Wire Mesh Grip				
L9621	0.50–0.61	770	18	11
L9622	0.62–0.74	1,150	18	11
L9623	0.75–0.99	1,320	18	14
L9624	1.00–1.24	1,920	18	15
L9625	1.25–1.49	1,920	18	16

CATALOG NUMBER	CABLE DIAMETER RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
Single Eye, Split Lace Mesh, Double Weave, Heavy Duty, Support Wire Mesh Grip				
L9722	0.75–0.99	2,700	10	26
L9723	1.00–1.24	4,720	10	29
L9724	1.25–1.49	4,720	10	31
L9725	1.50–1.99	4,720	10	35
Double Eye, Split Lace Mesh, Double Weave, Heavy Duty, Support Wire Mesh Grip				
L9731	0.75–0.99	2,700	10	26
L9732	1.00–1.24	4,720	10	29
L9733	1.25–1.49	4,720	10	31
L9734	1.50–1.99	4,720	10	35
L9735	2.00–2.49	10,080	10	37
L9736	2.50–2.99	10,080	10	39
L9737	3.00–3.49	10,080	10	41
L9738	3.50–3.99	13,120	10	45
L9739	4.00–4.49	13,120	10	47

*To determine workload safety factor, divide approximate break strength by 5. See page O25 for strength information.

Support Grips

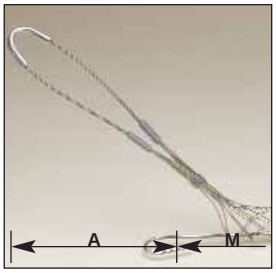
LEVITON

2 YEAR LIMITED WARRANTY

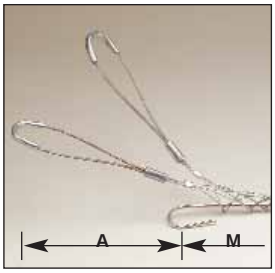
SPECIFICATIONS & FEATURES

GENERAL

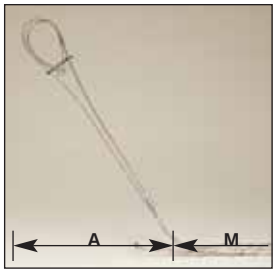
- *Split Rod Support Grips* are designed for loads up to 500 lbs. and vertical runs of no more than 100 feet. They are available in a variety of eye styles and cable ranges for supporting electrical cable, metal rods and tubing. Split rod support grips are utilized when the end of the cable cannot be feasibly accessed and the installation is temporary. For attachment information see page O12.



SINGLE U EYE – L9632



DOUBLE EYE – L9651



OFFSET EYE – L9671

CATALOG NUMBER	CABLE DIAMETER RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
Single U Eye, Split Rod Mesh, Single Weave, Standard Duty, Support Wire Mesh Grip				
L9631	0.50–0.61	770	7	9
L9632	0.62–0.74	960	8	9
L9633	0.75–0.99	1,320	8	11
L9634	1.00–1.24	1,680	9	13
L9635	1.25–1.49	1,680	10	15
L9636	1.50–1.74	1,680	12	16
L9637	1.75–1.99	2,640	14	17
L9638	2.00–2.49	3,760	16	20
L9639	2.50–2.99	3,760	18	22
L9641	3.00–3.49	6,560	21	24
L9642	3.50–3.99	6,560	24	26
Double Eye, Split Rod Mesh, Single Weave, Standard Duty, Support Wire Mesh Grip				
L9651	0.50–0.61	770	4	9
L9652	0.62–0.74	1,150	4	9
L9653	0.75–0.99	1,320	4	11
L9654	1.00–1.24	1,920	5	13
L9655	1.25–1.49	1,920	5	15
L9656	1.50–1.74	1,920	5	16
L9657	1.75–1.99	3,150	6	17
L9658	2.00–2.49	3,360	6	20
L9659	2.50–2.99	3,360	6	22
L9661	3.00–3.49	7,520	8	24
L9662	3.50–3.99	7,520	8	26
Offset Eye, Split Rod Mesh, Single Weave, Standard Duty, Support Wire Mesh Grip				
L9671	0.50–0.61	770	4	9
L9672	0.62–0.74	960	4	9
L9673	0.75–0.99	960	4	11
L9674	1.00–1.24	1,680	5	13
L9675	1.25–1.49	1,680	5	15
L9676	1.50–1.74	1,680	5	16
L9677	1.75–1.99	2,640	6	17
L9678	2.00–2.49	3,760	6	20
L9679	2.50–2.99	3,760	6	22
L9681	3.00–3.49	5,040	8	24
L9682	3.50–3.99	5,040	8	26

*To determine workload safety factor, divide approximate break strength by 10. See page O25 for strength information.

2 YEAR LIMITED WARRANTY

SPECIFICATIONS & FEATURES
GENERAL
• *Bus-Drop Grips* are used as cable support. They relieve any direct tension from the critical connection and absorb vibration and flexing. Woven of galvanized steel wire, they are offered with either locking bale or single eye attachments.
• *Safety Springs* are used with Bus-Drop Grips to relieve sudden strains on the cable system. To use with single eye-type grips, disassemble drawbar from coil, place through the eye and replace the drawbar.

LOCKING BALE
L7984

SAFETY SPRING
L7998

CATALOG NUMBER	CABLE DIAMETER RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
U Eye, Locking Bale, Split Rod Mesh, Single Weave, Standard Duty, Support Wire Mesh Grip				
L9688	0.50–0.61	770	10	9
L9689/ L9689-SS	0.62–0.74	1,150	10	9
L9691	0.75–0.99	1,320	10	11
L9692	1.00–1.24	1,920	14	13
L9693	1.25–1.49	1,920	14	15
L9694	1.50–1.74	1,920	14	16
L9695	1.75–1.99	3,150	14	17
L9696	2.00–2.49	3,360	18	20
L9698	3.00–3.49	7,520	18	24

*To determine workload safety factor, divide approximate break strength by 5. See page O25 for strength information.

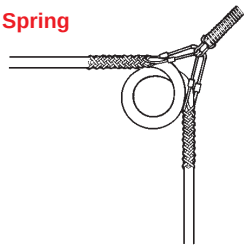
Support Grips – Bus-Drop

CATALOG NUMBER		CABLE DIAMETER RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*
SINGLE EYE	LOCKING BALE		
Single Eye, Closed Mesh, Single Weave, Bus-Drop Duty, Support Wire Mesh Grip			
L7981	–	.220–.320	1,100
L7982	–	.300–.430	1,100
L7983	L7992/ L7992-SS	.410–.560	1,100
L7984	L7993	.530–.730	1,100
L7985	L7994	.700–.850	1,900
L7986	L7995	.820–1.00	1,900
L7987	–	.960–1.25	1,900

Support Grips – Bus-Drop Accessories

DESCRIPTION	CATALOG NUMBER	LENGTH (INCHES)
Safety Springs		
Zinc Plated Max. Load – 40Lbs.	L7997	7.50
Zinc Plated Max. Load – 80Lbs.	L7998	8.50

Safety Spring



Support Grips – Fiber Optic

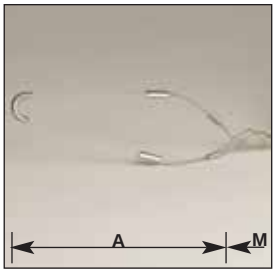
LEVITON

2 YEAR LIMITED WARRANTY

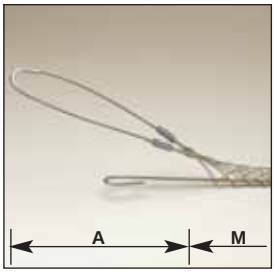
SPECIFICATIONS & FEATURES

GENERAL

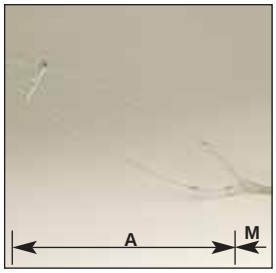
- All Leviton *Fiber Optic Support Grips* are designed to wrap securely around fiber optic cable without damaging it. They are designed to reduce stress on cable in vertical, sloping, or horizontal positions. Single-eye or locking-bale style grips afford lasting support for a wide variety of applications where fiber optic cable is used.



SINGLE EYE – CLOSED MESH
L8807



SINGLE EYE – SPLIT ROD
L8821



LOCKING BALE
L8823

Support Grips – Fiber Optic, Standard Duty

CATALOG NUMBER	CABLE DIAMETER RANGE (INCHES)	APPROXIMATE BREAK STRENGTH*	LENGTH (INCHES)	
			BALE (DIM. A)	MESH (DIM. M)
Single Eye, Closed Mesh, Single Weave				
L8807	.18–.25	300	3	1.7
L8808	.23–.32	300	3	2.5
L8809	.30–.39	300	4	2.5
L8811	.37–.48	300	5	4
L8812	.46–.58	400	6	4
L8813	.56–.71	600	7	5.5
L8814	.69–.88	800	8	6
Single Eye, Split Rod Mesh, Single Weave				
L8815	.18–.25	300	3	2.5
L8816	.23–.32	300	3	2.5
L8817	.30–.39	300	4	2.5
L8818	.37–.48	300	5	4
L8819	.46–.58	400	6	5
L8821	.56–.71	600	7	5
L8822	.69–.88	800	8	6
U Eye, Locking Bale, Closed Mesh, Single Weave				
L8823	.18–.25	300	9	2.5
L8824	.23–.36	300	9	2
L8825	.30–.39	300	9	2.5
L8826	.37–.48	300	10	4
L8827	.46–.58	400	10	4
L8828	.56–.71	600	10	5.5
L8829	.69–.88	800	10	6

*To determine workload safety factor, divide approximate break strength by 10. See page O25 for strength information.

Leviton Wire Mesh Safety Grips are flexible holding devices used to pull cable, rope, or tubing into place; to support it after it has been installed, to prevent cable pullout; or to provide strain-relief that reduces the arc of bend at points of wire connections or terminations.

1. Pulling Grips

Pulling Grips are reusable tools for pulling insulated conductors or bare wires, cable, nylon and wire rope, fiber optic cable etc. Both flexible eye and rotating eye attachments are available.

2. Strain-Relief Grips

Strain-Relief Grips are used to connect cable or flexible conduit to electrical enclosures and equipment.This prevents pullout and bending due to tension at the inner conductors at the point of termination.

3. Support Grips

Support Grips distribute the weight of the vertical or sloping runs of electrical and fiber optic cable, metal rods, tubing or hose over the entire length of the grip so that the cable is not subject to damage. A variety of hangers and bales are available. These grips are also available in stainless steel for additional corrosion-resistance. Consult factory for availability.

Agency Approvals

UL Listings and CSA Certifications are indicated on the appropriate product catalog pages. File numbers, are listed below.

AGENCY	CONTROL NUMBER	FILE NUMBER
Underwriters Laboratories, Inc.	965U	E-173944
	16G5	E-176347
Canadian Standards Association	–	LR-702185

Standards

Leviton Wire Mesh Safety Grips meet the following standards:

NEC 300-19—Supporting cables in vertical raceways.

NEC 351-2—Liquid-tight flexible metal conduit installations.

NEC 400-7—Flexible cord installations.

NEC 400-10—Strain-relief at joints and terminals.

JIC H 13.11—Prevention of flexible hose failure.

Technical Reference

Hazardous Locations

The following product categories are suitable for use in hazardous locations per Class I, Div. 2; Class II, Div. 1 & 2; and Class III, Div. 1 & 2 requirements.

PRODUCT CATEGORY	TYPE
Deluxe Cord Grips	Aluminum Fitting Nylon Fitting Non-metallic

Flammability

Non-metallic Deluxe Cord Grips will not support combustion. The ratings are listed below.

COMPONENT	RATING
Wire Mesh Grip	94HB[1]
Fitting	94V[2]

[1] A test method used by U.L. to determine a rate of burning and/or extent and time of burning of self-supporting plastics in a horizontal position (ASTM D 635-88, IEC 707-1981, ISO/DIS 1210.2).

[2] A test method used by UL. for measuring the comparative extinguishing characteristics of solid plastics in a vertical position (IEC 707-1981, ISO/DIS 1210.2).

Wet Locations

The strain-relief grips listed below are suitable for use in wet locations so long as a listed sealing ring is used between the box and the fitting.

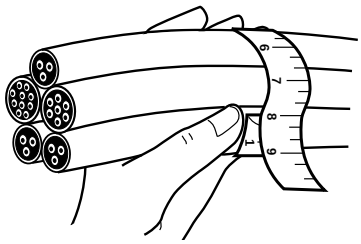
PRODUCT CATEGORY	TYPE
Deluxe Cord Grips	Aluminum Fitting Nylon Fitting Non-metallic

Types of Wire Mesh Safety Grips

PRODUCT GROUP	DESCRIPTION	MATERIAL
Pulling Grips	PJ Junior Duty	Galvanized steel wire
	PL Light Duty	Galvanized steel wire
	PM Medium Duty	Galvanized steel wire
	P Heavy Duty	Galvanized steel wire
	PS Heavy Duty swivel	Galvanized steel wire
	PR-MS Multi-Weave, Rotating Eye	Galvanized steel wire
	PF-MS Multi-Weave, Flexible Eye	Galvanized steel wire
	PHS High Strength	Galvanized steel wire
	SCK Slack, Offset Eye	Galvanized steel wire
	SSK Slack, Offset Eye	Galvanized steel wire
	SRK Slack, Offset Eye	Galvanized steel wire
Strain-Relief Grips	Connection Wire	Galvanized steel
	Wide Range (with Gasket)	Galvanized steel wire
	Deluxe Cord Grips	Stainless steel wire
	Liquid-Tight (metallic cond.)	Stainless steel wire
	Liquid-Tight (Non-Metallic Cond.)	Stainless steel wire
	Nylon Cord Sealing Grips with Mesh	Nylon
Support Grip	Support Closed	Tinned bronze or stainless steel[1]
	Support Split with Lace	Tinned bronze or stainless steel[1]
	Support Split with Rod	Tinned bronze or stainless steel[1]
	Support Closed, Heavy Duty, Long	Tinned bronze or stainless steel[1]
	Support Split Lace, Heavy Duty, Long	Tinned bronze or stainless steel[1]
	Bus Drop Grips	Galvanized steel wire
	Safety Springs	Spring steel

[1]Stainless steel available on request. Contact your Leviton Representative.

Selecting Proper Sized Pulling and Support Grips



How to Select Proper Grip Size

Example: For five cables bundled together, each with a diameter of 0.42":

1) Locate "5 Cables" column.

2) Read down column to range (0.38"-0.48").

3) Read across line to Grip Diameter Range (1.00-1.25).

Grip size is based on the outside diameter or circumference of the cable(s). Use Selection Table 1 to determine the Grip Diameter Range for one or more cables of equal diameter. Use Selection Table 2 to determine the Grip Diameter Range for cables of different diameters bundled together. (Note: In this case, the bundle must be measured.) For your convenience, the Reference Tables provide approximate values for flexible cord and AWG or MCM wire.

Grip Selection Table for One or More Cables of Equal Diameter

1) Read across top line for number of cables in one grip.

2) Read down for diameter of each cable.

3) Read across line to Grip Diameter Range column

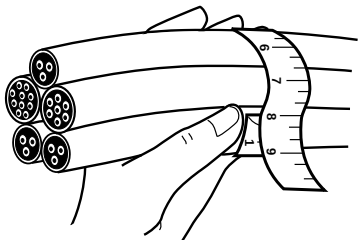
Table 1

Decimal and Fractional Inch Cable Diameters—for One or More Cables of Equal Diameter

1 CABLE		2 CABLES		3 CABLES		4 CABLES		GRIP DIA. RANGE
0.25–0.37	1/4–3/8	0.16–0.25	1/64–1/4	0.15–0.22	5/32–7/32	0.12–0.20	1/8–13/64	.250–.375
0.37–0.50	3/8–1/2	0.25–0.36	1/4–23/64	0.22–0.33	7/32–21/64	0.20–0.28	13/64–9/32	.375–0.50
0.50–0.62	1/2–5/8	0.27–0.36	17/64–23/64	0.26–0.33	17/64–21/64	0.24–0.28	15/64–9/32	0.50–0.75
0.62–0.75	5/8–3/4	0.36–0.45	23/64–29/64	0.33–0.36	21/64–23/64	0.28–0.31	9/32–5/16	0.62–0.75
0.75–1.00	3/4–1	0.45–0.60	29/64–39/64	0.36–0.49	23/64–31/64	0.31–0.42	5/16–27/64	0.75–1.00
1.00–1.25	1–1-1/4	0.60–0.76	39/64–49/64	0.49–0.63	31/64–5/8	0.42–0.54	27/64–35/64	1.00–1.25
1.25–1.50	1-1/4–1-1/2	0.76–0.91	49/64–29/32	0.63–0.76	5/8–49/64	0.54–0.65	35/64–21/32	1.25–1.50
1.50–1.75	1-1/2–1-3/4	0.91–1.08	29/32–1-5/64	0.76–0.89	49/64–57/64	0.65–0.77	21/32–49/64	1.50–1.75
1.75–2.00	1-3/4–2	1.08–1.23	1-5/64–1-15/64	0.89–1.02	57/64–1-1/64	0.77–0.88	49/64–7/8	1.75–2.00
2.00–2.50	2–2-1/2	1.23–1.54	1-15/64–1-35/64	1.02–1.28	1-1/64–1-9/32	0.88–1.00	7/8–1	2.00–2.50
2.50–3.00	2-1/2–3	1.54–1.84	1-35/64–1-27/32	1.28–1.53	1-9/32–1-17/32	1.10–1.32	1-3/32–1-21/64	2.50–3.00
3.00–3.50	3–3-1/2	1.84–2.15	1-27/32–2-5/32	1.53–1.79	1-17/32–1-51/64	1.32–1.54	1-21/64–1-35/64	3.00–3.50
3.50–4.00	3-1/2–4	2.15–2.45	2-5/32–2-29/64	1.79–2.05	1-51/64–2-3/64	1.54–1.76	1-35/64–1-49/64	3.50–4.00

5 CABLES		6 & 7 CABLES		8 CABLES		9 CABLES		GRIP DIA. RANGE
0.11–0.14	7/64–9/64	0.10–0.11	3/32–7/64	0.09–0.10	3/32–7/64	0.06–0.09	1/16–3/32	.250–.375
0.14–0.25	9/64–1/4	0.11–0.25	7/64–1/4	0.10–0.20	7/64–13/64	0.09–0.19	3/32–3/16	.375–0.50
0.21–0.25	7/32–1/4	0.19–0.22	3/16–7/32	0.17–0.20	11/64–13/64	0.15–0.19	5/32–3/16	0.50–0.75
0.25–0.29	1/4–19/64	0.22–0.26	7/32–17/64	0.20–0.23	13/64–15/64	0.19–0.22	3/16–7/32	0.62–0.75
0.29–0.38	19/64–3/8	0.26–0.34	17/64–11/32	0.23–0.31	15/64–5/16	0.22–0.31	7/32–5/16	0.75–1.00
0.38–0.48	3/8–31/64	0.34–0.43	11/32–7/16	0.31–0.39	5/16–25/64	0.29–0.36	19/64–23/64	1.00–1.25
0.48–0.58	31/64–37/64	0.43–0.52	7/16–33/64	0.39–0.46	25/64–15/32	0.36–0.43	23/64–7/16	1.25–1.50
0.58–0.67	37/64–43/64	0.52–0.60	33/64–39/64	0.46–0.54	15/32–35/64	0.43–0.49	7/16–31/64	1.50–1.75
0.67–0.77	43/64–49/64	0.60–0.69	39/64–11/16	0.54–0.62	35/64–5/8	0.49–0.57	31/64–37/64	1.75–2.00
0.77–0.96	49/64–31/32	0.69–0.86	11/16–55/64	0.62–0.77	5/8–49/64	0.57–0.72	37/64–23/32	2.00–2.50
0.96–1.16	31/32–1-5/32	0.86–1.03	55/64–1-1/32	0.77–0.93	49/64–15/16	0.72–0.86	23/32–55/64	2.50–3.00
1.16–1.35	1-5/32–1-23/64	1.03–1.20	1-1/32–1-13/64	0.93–1.08	15/16–1-5/64	0.86–1.00	55/64–1	3.00–3.50
1.35–1.54	1-23/64–1-35/64	1.20–1.37	1-13/64–1-3/8	1.08–1.24	1-5/64–1-15/64	1.00–1.14	1–1-9/64	3.50–4.00

Selecting Proper Sized Pulling and Support Grips



How to Select Proper Grip Size

Example: For five cables bundled together, each with a diameter of 0.42":

1) Locate "5 Cables" column.

2) Read down column to range (0.38"-0.48").

3) Read across line to Grip Diameter Range (1.00-1.25).

Grip size is based on the outside diameter or circumference of the cable(s). Use Selection Table 1 to determine the Grip Diameter Range for one or more cables of equal diameter. Use Selection Table 2 to determine the Grip Diameter Range for cables of different diameters bundled together. (Note: In this case, the bundle must be measured.) For your convenience, the Reference Tables provide approximate values for flexible cord and AWG or MCM wire.

Grip Selection Table for One or More Cables of Equal Diameter

1) Read across top line for number of cables in one grip.

2) Read down for diameter of each cable.

3) Read across line to Grip Diameter Range column

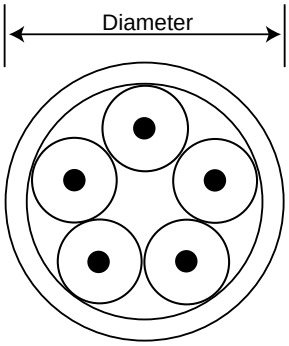
Table 2

Grip Circumference Range – for Cables of Different Diameter

INCHES (FRACTIONAL)	INCHES (DECIMAL)	GRIP DIAMETER RANGE
25/32–1 11/64	0.78–1.17	.250–.375
1 11/64–1 37/64	1.17–1.57	.375–0.50
1 37/64–1 15/16	1.57–1.94	0.50–.625
1 15/16–2 3/8	1.94–2.37	0.62–0.75
2 3/8–3 5/32	2.37–3.15	0.75–1.00
3 5/32–3 15/16	3.15–3.94	1.00–1.25
3 15/16–4 23/32	3.94–4.72	1.25–1.50
4 23/32–5 33/64	4.72–5.51	1.50–1.75
5 33/64–6 19/64	5.51–6.29	1.75–2.00
6 19/64–7 55/64	6.29–7.86	2.00–2.50
7 55/64–9 7/16	7.86–9.43	2.50–3.00
9 7/16–11 1/64	9.43–11.01	3.00–3.50
11 1/64–12 37/64	11.01–12.58	3.50–4.00

Reference Table Cord Diameters

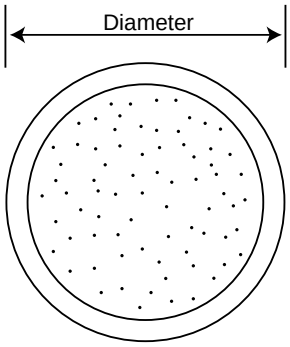
For your convenience, the following are nominal overall diameters (in inches) for flexible cord.



AT WIRE SIZE & TYPE	CONDUCTORS			
	2	3	4	5
18 SO, STO	.36	.38	.41	.49
18 SJO, SJTO	.30	.32	.35	——
16 SO, STO	.39	.41	.44	.52
16 SJO, SJTO	.32	.34	.37	——
14 SO, STO	.52	.55	.59	.67
12 SO, STO	.60	.62	.68	.74
10 SO, STO	.65	.69	.74	.80
8 SO, STO	.83	.88	.99	1.08
6 SO, STO	.99	1.04	1.12	1.25

Reference Table AWG or MCM Diameters

This table is to be used as a guide only. Sizes may vary by manufacturer.



AWG OR MCM	APPROXIMATE DIAMETER (INCHES)	
	THHN	THW
14	.105	.162
12	.122	.179
10	.153	.199
8	.201	.259
6	.257	.323
4	.328	.372
3	.356	.401
2	.388	.433
1	.450	.508
1/0	.491	.549
2/0	.537	.595
3/0	.588	.647
4/0	.646	.705
250	.716	.788
300	.771	.843
350	.822	.895
400	.869	.942
500	.955	1.03
600	1.06	1.14
700	1.13	1.21
750	1.16	1.25
1000	1.32	1.40

Selecting Proper Sized Pulling and Support Grips

Strength Information

The approximate breaking strength of any Leviton Wire Mesh Safety Grip is based on working load information established by our engineering laboratories. In making these determinations, it is not possible to cover all applications and operating conditions. Variables such as diameter, gripping surface, number of items gripped, tension, movement, attachments, abrasion, corrosion, prior use and abuse must be assessed by the user. Greater safety factors should be utilized when the conditions of application are vague or unknown.

For specific applications where strength and holding power are important, consult Leviton's Technical Services Department. To determine the recommended working load safety factor for listed cable grips, divide the approximate breaking strength by 5 for pulling grips and by 10 for support grips. Leviton maintains a 6 Sigma Safety Factor for this recommended working load (using average break strengths obtained on new grips under lab test conditions).

Example: For pulling grips—33,000 ÷ 5 = 6,600 lbs. which is the workload factor.

Example: For support grips—10,080 ÷ 10 = 1,008 lbs. which is the workload factor.

All warranties concerning product quality or performance are based on wire mesh safety grips that are properly stored and handled by the user, and grips that are maintained and inspected at a proper frequency in keeping with their use and condition.

Grip Cable Range—Fraction–Decimal–Millimeter Conversion

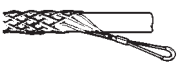
INCHES (FRACTIONAL)	INCHES (DECIMAL)	METRIC (mm)
1/4–23/64	0.25–0.36	6.35–9.13
3/8–31/64	0.37–0.49	9.52–12.30
1/2–39/64	0.50–0.61	12.70–15.48
5/8–47/64	0.62–0.74	15.88–18.65
3/4–63/64	0.75–0.99	19.05–25.00
1–1 15/64	1.00–1.24	25.40–31.35
1 1/4–1 31/64	1.25–1.49	31.75–37.70
1 1/2–1 63/64	1.50–1.99	38.10–50.40
2–2 31/64	2.00–2.49	50.80–63.10
2-1/2–2 63/64	2.50–2.99	63.50–75.80
3–3 31/64	3.00–3.49	76.20–88.50
3 1/2–3 63/64	3.50–3.99	88.90–101.20

Pulling Grips

Leviton Pulling Grips are reusable tools for pulling bare conductors, insulated wires, synthetic rope, wire rope, and fiber optic cable. These grips do not damage the cable, as the tension remains uniform throughout the length of the grip. The mesh responds to fit either a single cable or a bundle of cables.

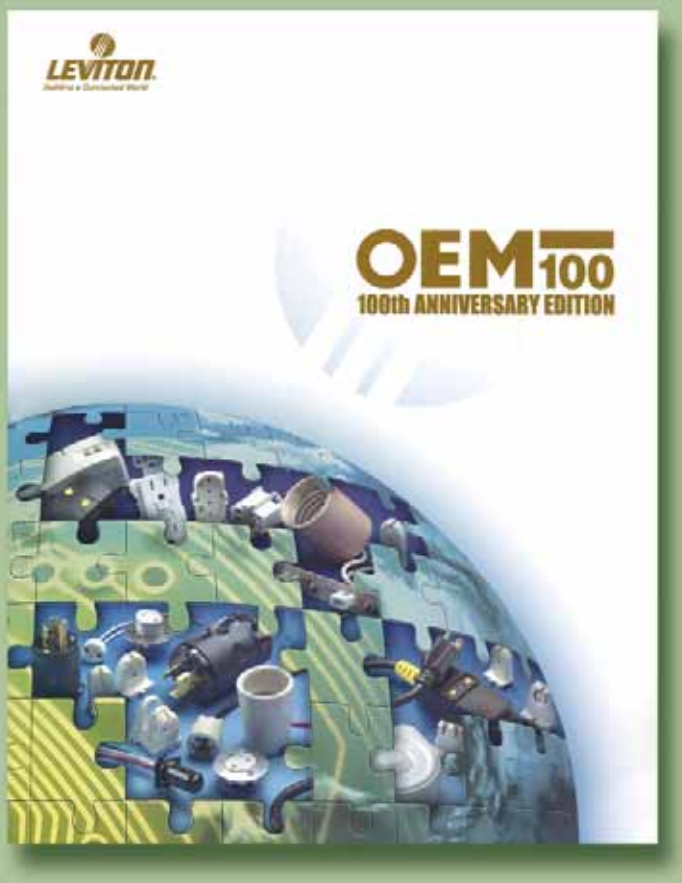
Leviton Pulling Grips may be used for pulling cable on overhead or underground applications, for stringing service or communication lines into factories, for pulling wire through conduit, and for underground electrical pulls.

Leviton Pulling Grips are woven in galvanized steel for greater strength and longer life. Leviton also offers Pulling Kits in the P, PJ, PL, PM, and PS Series. These kits come in a vinyl mat with pockets that can be rolled and tied.

DESCRIPTION	SERIES	PAGE NO.	ATTACHMENT INFORMATION
Bale Eye—Medium Duty, Single/Double Weave	PM	02	Bale Eye Attachment flexes to follow line of pull with plastic tubing on bale.
Bale Eye—Medium and Heavy Duty, Single/Double Weave	P	03	
Flexible Eye—Junior Duty, Single Weave	PJ	01	Flexible Rope Eye bale has no plastic tubing for better flexibility.
Flexible Eye—Light Duty, Single Weave	PL	01	
Flexible Eye—for Fiber Optic, Multi-Weave	PF	02	
Flexible Eye—High Duty,Multi-Weave	PHS	06	
Slack Grips, Closed Mesh, Double Weave	SCK	07	Offset Flexible Eye For easy attachment of the pulling line. 
Slack Grips, Split Lace Mesh, Double Weave	SSK	07	
Slack Grips, Split Rod Mesh, Single Weave	SRK	07	
Rotating Eye—Heavy Duty, Double Weave	PS	04	Rotating Eye For use in changing wire rope in large cranes and derricks.
Rotating Eye—Heavy Duty, Multi-Weave	PR	05	

P
SECTION

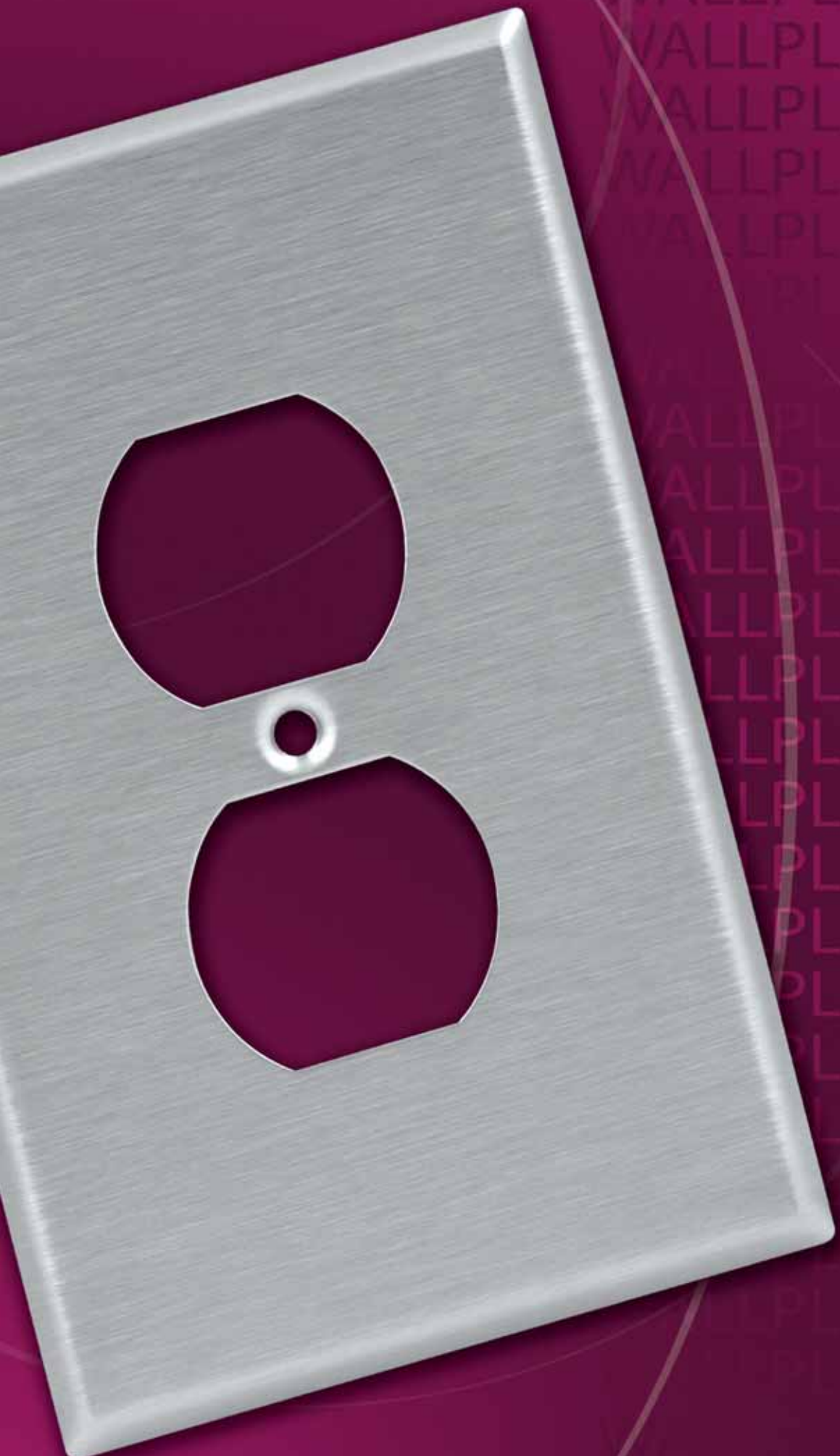
Incandescent & Fluorescent Lampholders — Reference

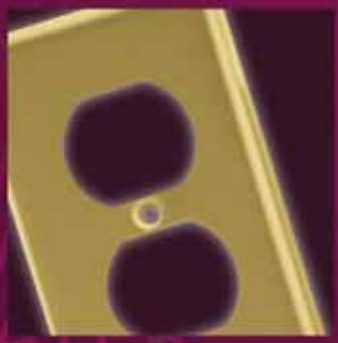


The OEM-100 catalog contains a broad selection of state-of-the-art products, including lampholders for innovative light sources, incandescent and energy efficient fluorescent lampholders, protection products, general-purpose switches, plugs and connectors, and more — all designed to the highest standards of quality, dependability and performance. A growing number of purchasing professionals and specifying engineers rely on Leviton to improve productivity, reduce costs, increase profitability and assure consumer confidence in their end products.

To request or download Leviton Catalog OEM-100 go to www.leviton.com. Select OEM from the top menu bar.

Q SECTION





Wallplates

Wallplate Dimensional Data

LEVITON

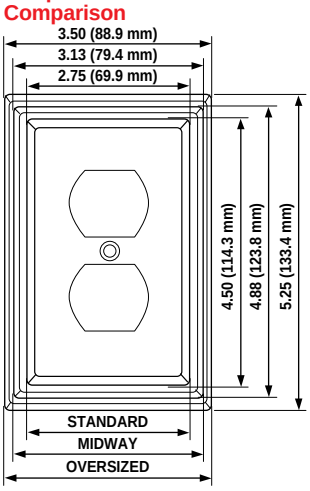
Wallplates

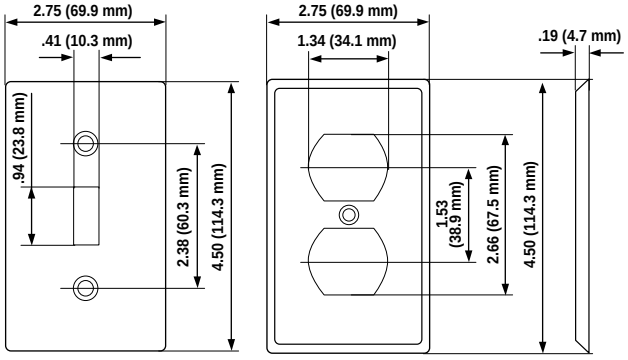
Wallplates Dimensions

Gangs	Standard 4.50 H x D* (114.3 mm H x D*)	Midway 4.88 H x .260 D (123.8 mm H x 6.5 mm D)	Oversized 5.25 H x .260 D (133.4 mm H x 6.5 mm D)
1	2.75 (69.9 mm)W	3.13 (79.4 mm)W	3.50 (88.9 mm)W
2	4.56 (115.9 mm)W	4.94 (125.4 mm)W	5.31 (134.9 mm)W
3	6.38 (161.9 mm)W	6.75 (171.5 mm)W	———
4	8.19 (208.0 mm)W	EXTRA DEEP WALLPLATES are the same height and width as STANDARD size wallplates, but they are .26 (6.5 mm) deep. Available in 1-Gang and 2-Gang sizes.	
5	10 (254.0 mm)W		
6	11.81 (300.0 mm)W		

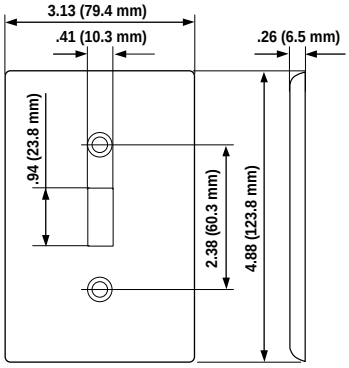
***DEPTHS OF STANDARD WALLPLATES:** Plastic — .22 (5.6 mm)
Metal — .19 (4.7 mm)

Wallplate Size Comparison

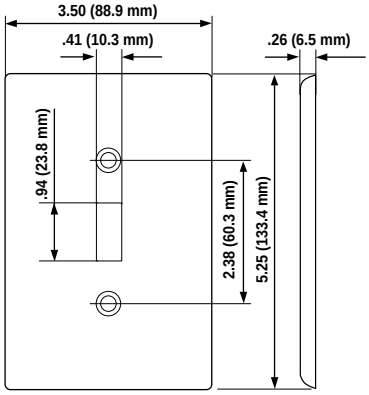




STANDARD SIZE WALLPLATE
No. 81001 Series and No. 81003 Series

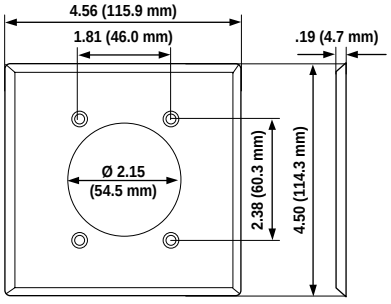


MIDWAY SIZE WALLPLATE
No. 80501 Series

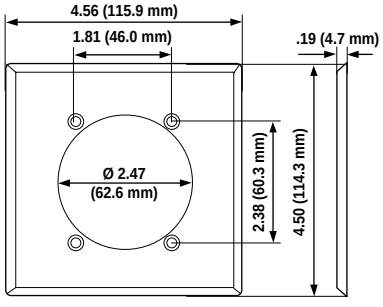


OVERSIZED WALLPLATE
No. 85101 Series

Power Receptacle Wallplates



No. 4934 Series



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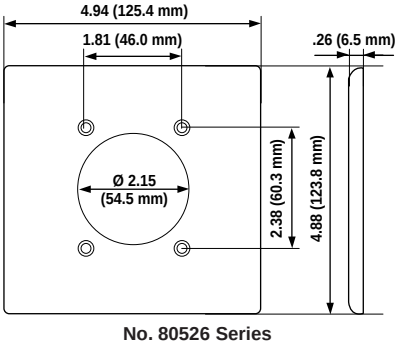
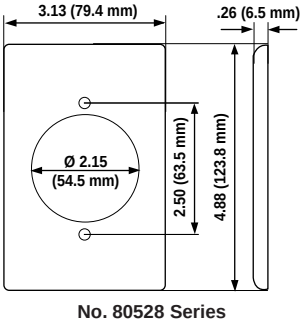
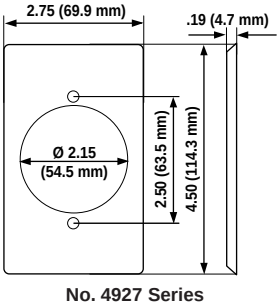


No. 80526 Series



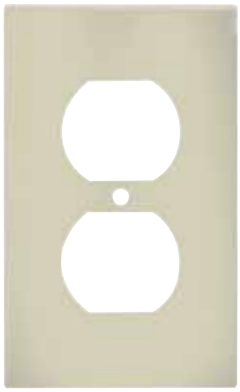
No. 80528 Series



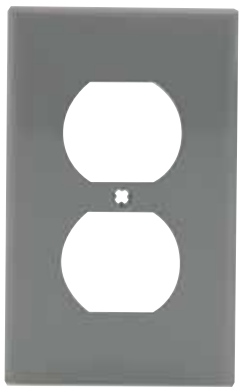
No. 4927 Series

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

High-Impact Thermoplastic-Nylon


Ivory
80703-I

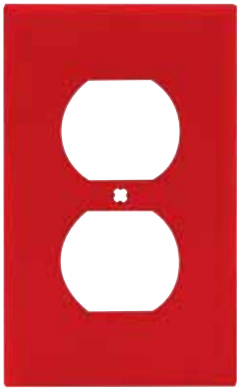
Black
80703-E


Gray
80703-GY

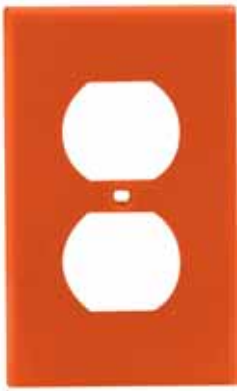
White
80703-W

Brown
80703

Almond
80703-A


Red
80703-R

Blue
80703-BU


Orange
80703-ORJ

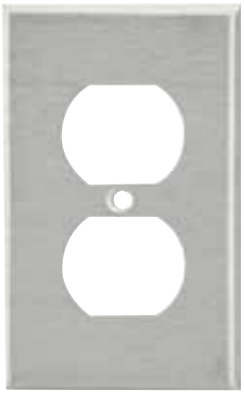
Metal Wallplates

Chrome
1903

Aluminum
83003

Brass
81003

Polished Brass
81003-PB

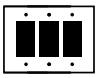
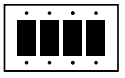
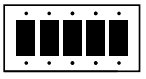
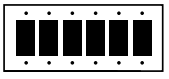
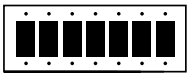
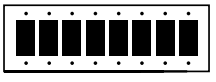

430 Stainless Steel
84003

302 Stainless Steel
84003-40

Decora® Designer Style Wallplates

LEVITON

Decora Plus™

DESCRIPTION	Plastic (Thermoset) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Thermoplastic) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals MATERIAL	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.
1-GANG 1-Decora	Ivory	80401-I	80601-I	86601	Ivory	80401-NI	PJ26-I	302 S/S	84401-40	——	S026
	Black	80401-E	——	——	Black	80401-NE	PJ26-E	302/304 S/S	——	SSJ26-040	——
	Gray	80401-GY	80601-GY	——	Gray	80401-NGY	PJ26-GY	430 S/S	*	——	——
	White	80401-W	80601-W	88601	White	80401-NW	PJ26-W	Chrome	*	——	——
	Brown	80401	80601	——	Brown	80401-N	PJ26	Brass	81401	——	——
	Almond	80401-A	80601-A	82601	Almond	80401-NA	PJ26-A	Polished Brass	81401-PB	——	——
					Red	80401-NR	PJ26-RE	Aluminum	83401	——	——
					Blue	80401-NB	——				
2-GANG 2-Decora	Ivory	80409-I	80609-I	86602	Ivory	80409-NI	PJ262-I	302 S/S	84409-40	——	S0262
	Black	80409-E	——	——	Black	80409-NE	PJ262-E	302/304 S/S	——	SJ262-040	——
	Gray	80409-GY	80609-GY	——	Gray	80409-NGY	PJ262-GY	430 S/S	*	——	——
	White	80409-W	80609-W	88602	White	80409-NW	PJ262-W	Chrome	*	——	——
	Brown	80409	80609	——	Brown	80409-N	PJ262	Brass	81409	——	——
	Almond	80409-A	80609-A	82602	Almond	80409-NA	PJ262-A	Polished Brass	81409-PB	——	——
					Red	80409-NR	PJ262-R	Aluminum	83409	——	——
					Blue	80409-NB	PJ262-BU				
 3-GANG 3-Decora	Ivory	80411-I	80611-I	——	Ivory	80411-NI	PJ263-I	302 S/S	84411-40		S0263
	Black	80411-E	——	——	Black	——	——	302/304 S/S	——	SJ263-040	——
	Gray	80411-GY	——	——	Gray	80411-NGY	——	430 S/S	*	——	——
	White	80411-W	80611-W	——	White	80411-NW	PJ263-W	Chrome	*	——	——
	Brown	80411	——	——	Brown	80411-N	——	Brass	81411	——	——
	Almond	80411-A	80611-A	——	Almond	80411-NA	PJ263-A	Polished Brass	81411-PB	——	——
								Aluminum	83411	——	——
 4-GANG 4-Decora	Ivory	80412-I	80612-I	——	Ivory	80412-NI	PJ264-I	302 S/S	84412-40	——	*
	Black	80412-E	——	——	Black	——	——	430 S/S	*	——	——
	Gray	80412-GY	——	——	Gray	80412-NGY	PJ264-GY	Chrome	*	——	——
	White	80412-W	80612-W	——	White	80412-NW	PJ264-W	Brass	81412	——	——
	Brown	80412	——	——	Brown	80412-N	——	Aluminum	*	——	——
	Almond	80412-A	80612-A	——	Almond	80412-NA	PJ264-A				
 5-GANG 5-Decora	Ivory	80423-I	——	——	Ivory	80423-NI	——	302 S/S	84423-40	——	——
	Black	80423-GY	——	——	Black	80423-NE	——	430 S/S	*	——	——
	Gray	80423-E	——	——	Gray	80423-NGY	——	Brass	81423	——	——
	White	80423-W	——	——	White	80423-NW	——	Aluminum	——	——	——
	Brown	80423	——	——	Brown	80423-N	——				
	Almond	80423-A	——	——	Almond	80423-NA	——				
					Red	80423-NR	——				
 6-GANG 6-Decora	Ivory	80436-I	——	——	Ivory	80436-NI	——	302 S/S	84436-40	——	——
	Black	80436-E	——	——	Black	80436-NE	——	430 S/S	*	——	——
	Gray	80436-GY	——	——	Gray	80436-NGY	——	Brass	*	——	——
	White	80436-W	——	——	White	80436-NW	——	Aluminum	*	——	——
	Brown	80436	——	——	Brown	80436-N	——				
	Almond	80436-A	——	——	Almond	80436-NA	——				
					Red	80436-NR	——				
 7-GANG 7-Decora	Ivory	80407-I †	——	——	——	——	——	302 S/S	*	——	——
	White	80407-W †	——	——				430 S/S	*	——	——
								Brass	*	——	——
 8-GANG 8-Decora	Ivory	80408-I †	——	——	——	——	——	302 S/S	*	——	——
	White	80408-W †	——	——				430 S/S	*	——	——
								Brass	*	——	——

*Consult the end of this wallplate section for ordering details: allow 3-4 weeks for delivery.

† Painted metal wallplate

All wallplates are UL Listed and CSA Certified.

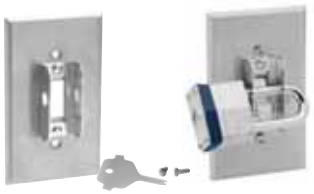
FOR DECORA PLUS™ SCREWLESS SNAP ON WALLPLATES SEE PAGE Q18

Toggle

DESCRIPTION	Plastic (Thermoset) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Thermoplastic) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals MATERIAL	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.
1-GANG 1-Toggle	Ivory	86001	80501-I	86101	Ivory	80701-I	PJ1-I	Chrome	1901	——	——
	Black	——	——	——	Black	80701-E	PJ1-E	Aluminum	83001	——	——
	Gray	87001	——	——	Gray	80701-GY	PJ1-GY	Brass	81001	——	——
	White	88001	80501-W	88101	White	80701-W	PJ1-W	Polished Brass	81001-PB	——	——
	Brown	85001	80501	85101	Brown	80701	PJ1	430 S/S	84001	——	84101
	Almond	82001	80501-A		Almond	80701-A	PJ1-A	302 S/S	84001-40	——	84101-40
	Red	——	——	——	Red	80701-R	PJ1-R	302/304 S/S	——	SSJ1-040	——
2-GANG 2-Toggles	Ivory	86009	80509-I	86109	Ivory	80709-I	PJ2-I	Chrome	1909	——	——
	Black	——	——	——	Black	80709-E	PJ2-E	Aluminum	83009	——	——
	Gray	87009	——	——	Gray	80709-GY	PJ2-GY	Brass	81009	——	——
	White	88009	80509-W	88109	White	80709-W	PJ2-W	Polished Brass	81009-PB	——	——
	Brown	85009	80509	85109	Brown	80709	PJ2	430 S/S	84009	——	*
	Almond	82009	80509-A		Almond	80709-A	PJ2-A	302 S/S	84009-40	——	84109-40
	Red	——	——	——	Red	80709-R	PJ2-R	302/304 S/S	——	SSJ2-040	——
3-GANG 3-Toggles	Ivory	86011	80511-I	86111	Ivory	80711-I	PJ3-I	Chrome	*	——	——
	Black	——	——	——	Black	80711-E	PJ3-E	Aluminum	83011	——	——
	Gray	87011	80511-W	88111	Gray	80711-GY	PJ3-GY	Brass	81011	——	——
	White	88011	80511	85111	White	80711-W	PJ3-W	Polished Brass	81011-PB	——	——
	Brown	85011	80511	——	Brown	80711	PJ3	430 S/S	84011	——	*
	Almond	82011	80511-A	——	Almond	80711-A	PJ3-A	302 S/S	84011-40	——	84111-40
	Red	——	——	——	Red	80711-R	PJ3-R	302/304 S/S	——	SSJ3-040	——
4-GANG 4-Toggles	Ivory	86012	80512-I	——	Ivory	80712-I	PJ4-I	Chrome	*	——	——
	Black	——	——	——	Black	80712-E	PJ4-E	Aluminum	83012	——	——
	Gray	87012	——	——	Gray	80712-GY	PJ4-GY	Brass	81012	——	——
	White	88012	80512-W	——	White	80712-W	PJ4-W	Polished Brass	81012-PB	——	——
	Brown	85012	80512	——	Brown	80712		430 S/S	84012	——	*
	Almond	82012	80512-A	——	Almond	80712-A	PJ4-A	302 S/S	84012-40	——	84112-40
	Red	——	——	——	Red	80712-R	PJ4-R				
5-GANG 5-Toggles	Ivory	86023	——	——	Ivory	80723-I	——	Chrome	*	——	——
	Black	——	——	——	Black	——	——	Aluminum	*	——	——
	Gray	——	——	——	Gray	80723-GY	——	Brass	81023	——	——
	White	88023	——	——	White	80723-W	——	Polished Brass	81023-PB	——	——
	Brown	85023	——	——	Brown	80723	——	430 S/S	*	——	——
	Almond	82023	——	——	Almond	80723-A	——	302 S/S	84023-40	——	——
6-GANG 6-Toggles	Ivory	86036	——	——	Ivory	80736-I	——	Chrome	*	——	——
	Black	——	——	——	Black	——	——	Aluminum	*	——	——
	White	88036	——	——	White	80736-W	——	Brass	81036	——	——
	Brown	85036	——	——	Brown	80736	——	430 S/S	*	——	——
	Almond	82036	——	——	Almond	——	——	302 S/S	84036-40	——	——
7-GANG 7-Toggles	Ivory	S601-I †	——	——	——	——	——	Chrome	*	——	——
	White	S601-W †	——	——				Aluminum	*	——	——
								Brass	*	——	——
								430 S/S	*	——	——
								302 S/S	84070-40	——	——
8-GANG 8-Toggles	Ivory	S602-I †	——	——	——	——	——	Chrome	*	——	——
	White	S602-W †	——	——				Aluminum	*	——	——
								Brass	*	——	——
								430 S/S	*	——	——
								302 S/S	84048-40	——	——

*Consult the end of this wallplate section for ordering details: allow 3-4 weeks for delivery.
† Painted metal wallplate

All wallplates are UL Listed and CSA Certified.



84001-LOK

302 STAINLESS STEEL
LOCKOUT WALLPLATE
Tamper-resistant screws
and spanner tool included
Lock purchased separately

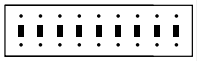
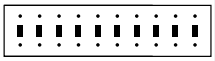
84071-40

302 STAINLESS STEEL
LOCKOUT WALLPLATE
Tamper-resistant screws
and spanner tool included

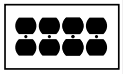
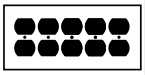
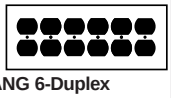
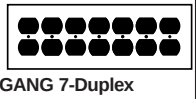
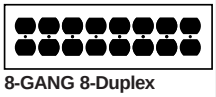
Wallplates

LEVITON

Toggle

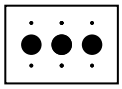
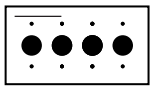
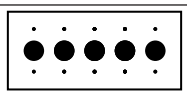
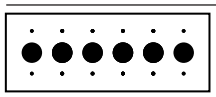
DESCRIPTION	Plastic (Thermoset) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Thermoplastic) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals MATERIAL	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.
 9-GANG 9-Toggles	Ivory	S603-I †	——	——	——	——	——	Chrome	*	——	——
	White	S603-W †	——	——				Aluminum	*	——	——
								Brass	*	——	——
								430 S/S	*	——	——
								302 S/S	84049-40	——	
 10-GANG 10-Toggles	Ivory	S604-I †	——	——	——	——	——	Brass	*	——	——
	White	S604-W †	——	——				302 S/S	84050-40	——	——

Duplex

DESCRIPTION	Plastic (Thermoset) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Thermoplastic) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals MATERIAL	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.
1-GANG 1-Duplex	Ivory	86003	80503-I	86103	Ivory	80703-I	PJ8-I	Chrome	1903	——	——
	Black	——	——	——	Black	80703-E	PJ8-E	Aluminum	83003	——	——
	Gray	87003	——	——	Gray	80703-GY	PJ8-GY	Brass	81003	——	——
	White	88003	80503-W	88103	White	80703-W	PJ8-W	Polished Brass	81003-PB	——	——
	Brown	85003	80503	85103	Brown	80703	PJ8	430 S/S	84003	——	84103
	Almond	82003	80503-A		Almond	80703-A	PJ8-A	302 S/S	84003-40	——	84103-40
	Red	——	——	——	Red	80703-R	PJ8-R	302/304 S/S	——	SSJ8-040	——
	Blue	——	——	——	Blue	80703-BU	PJ8-BU				
	Orange	——	——	——	Orange	80703-ORG	——				
2-GANG 2-Duplex	Ivory	86016	80516-I	86116	Ivory	80716-I	PJ82-I	Chrome	*	——	——
	Black	——	——	——	Black	80716-E	PJ82-E	Aluminum	83016	——	——
	Gray	87016	——	——	Gray	80716-GY	PJ82-GY	Brass	81016	——	——
	White	88016	80516-W	88116	White	80716-W	PJ82-W	Polished Brass	81016-PB	——	——
	Brown	85016	80516	85116	Brown	80716	PJ82	430 S/S	84016	——	84116
	Almond	82016	80516-A		Almond	80716-A	PJ82-A	302 S/S	84016-40	——	84116-40
	Red	——	——	——	Red	80716-R	PJ82-R	302/304 S/S	——	SSJ82-040	——
	Blue	——	——	——	Blue	80716-BU	——				
	Orange	——	——	——	Orange	80716-ORG	——				
3-GANG 3-Duplex	Ivory	86030	——	——	Ivory	80730-I	——	Chrome	*	——	——
	Black	——	——	——	Black	80730-E	——	Aluminum	*	——	——
	Gray	87030	——	——	Gray	80730-GY	——	Brass	*	——	——
	White	88030	——	——	White	80730-W	——	302 S/S	84030-40	——	84130-40
	Brown	85030	——	——	Brown	80730	——	302/304 S/S	——	SSJ83-040	——
	Almond	——	——	——	Almond	80730-A	——				
	Red	——	——	——	Red	80730-R	——				
 4-GANG 4-Duplex	Ivory	86041	——	——	——	——	——	Chrome	*	——	——
	White	88041	——	——	——	——	——	Aluminum	*	——	——
	Brown	85041	——	——	——	——	——	Brass	*	——	——
								430 S/S	84041	——	*
								302 S/S	*	——	*
 5-GANG 5-Duplex	——	——	——	——	——	——	——	Chrome	*	——	——
								Brass	*	——	——
								430 S/S	*	——	——
								302 S/S	84055-40	——	——
 6-GANG 6-Duplex	——	——	——	——	——	——	——	Chrome	*	——	——
								Brass	*	——	——
								430 S/S	*	——	——
								302 S/S	84056-40	——	——
 7-GANG 7-Duplex	——	——	——	——	——	——	——	Chrome	*	——	——
								Brass	*	——	——
								430 S/S	*	——	——
								302 S/S	*		——
 8-GANG 8-Duplex	——	——	——	——	——	——	——	Chrome	*	——	——
								Brass	*	——	——
								430 S/S	*	——	——
								302 S/S	*	——	——

*Consult the end of this wallplate section for ordering details: allow 3-4 weeks for delivery.
All wallplates are UL Listed and CSA Certified.

Single Receptacle, 15 and 20 AMP Straight Blade and 15 AMP Locking

DESCRIPTION	Plastic (Thermoset) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Thermoplastic) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals MATERIAL	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.
1-GANG 1-Single 1.406" dia. Hole	Ivory	86004	80504-I	——	Ivory	80704-I	PJ7-I	Chrome	*	——	——
	Black	——	——	——	Black	80704-E	PJ7-E	Aluminum	83004	——	——
	Gray	87004	——	——	Gray	80704-GY	PJ7-GY	Brass	81004	——	——
	White	88004	80504-W	——	White	80704-W	PJ7-W	430 S/S	84004	——	84104-40E
	Brown	85004	80504	——	Brown	80704	PJ7	302 S/S	84004-40	——	84014-40
	Almond	82004	80504-A	——	Almond	80704-A	PJ7-A	302/304 S/S	——	SSJ7-040	——
	Red	——	——	——	Red	80704-R	PJ7-R				
	Orange	——	——	——	Orange	80704-ORG					
2-GANG 2-Singles 1.406" dia. Holes	Ivory	86052	——	——	——	——	——	Chrome	*	——	——
	White	88052	——	——				Aluminum	*	——	——
	Brown	85052	——	——				Brass	*	——	——
								430 S/S	*	——	——
								302 S/S	84052-40	——	*
 3-GANG 3-Singles 1.406" dia. Holes	——	——	——	——	——	——	——	Brass	*	——	——
								430 S/S	*	——	——
								302 S/S	S73-N	——	——
 4-GANG 4-Singles 1.406" dia. Holes	——	——	——	——	——	——	——	Brass	*	——	——
								430 S/S	*	——	——
								302 S/S	*	——	*
 5-GANG 5-Singles 1.406" dia. Holes	——	——	——	——	——	——	——	Brass	*	——	——
								430 S/S	*	——	——
								302 S/S	*	——	——
 6-GANG 6-Singles 1.406" dia. Holes	——	——	——	——	——	——	——	Brass	*	——	——
								430 S/S	*	——	——
								302 S/S	*	——	——

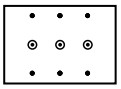
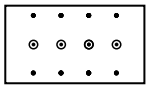
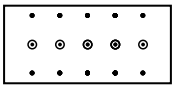
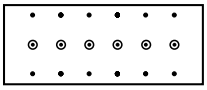
Telephone or Cable Outlet

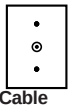
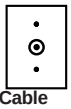
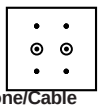
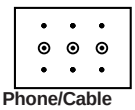
DESCRIPTION—BOX MOUNT	Plastic (Thermoset) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Thermoplastic) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals MATERIAL	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.
1-GANG Phone/Cable .312" dia. Hole	Ivory	——	80513-I	——	——	——	——	Aluminum	83013	——	——
	White	——	80513-W	——				Brass	81013	——	——
	Brown	——	80513	——				430 S/S	84013	——	——
	Almond	——	80513-A	——				302 S/S	84013-40	——	*
								302/304 S/S	——	SSJ11-040	——
1-GANG Phone/Cable .406" dia. Hole	Ivory	86013	——	86113	Ivory	——	PJ11-I	Aluminum	*	——	——
	Black	——	——	——	Black	——	PJ11-E	Brass	*	——	——
	Gray	——	——	——	Gray	——	PJ11-GY	430 S/S	*	——	——
	White	88013	——	88113	White	——	PJ11-W	302 S/S	84061-40	——	*
	Brown	85013	——	——	Brown	——	PJ11				
	Almond	82013	——	——			PJ11-A				
1-GANG Phone/Cable .625" dia. Hole	Ivory	86017	——	——	——	——	——	Aluminum	*	——	——
	White	88017	——	——				Brass	81017	——	——
	Brown	85017	——	——				430 S/S	*	——	——
								302 S/S	84017-40	——	*

*Consult the end of this wallplate section for ordering details: allow 3-4 weeks for delivery.

All wallplates are UL Listed and CSA Certified.

Telephone or Cable Outlet

DESCRIPTION—BOX MOUNT	Plastic (Thermoset) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Thermoplastic) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals MATERIAL	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.
2-GANG Phone/Cable .406" dia. Holes	Ivory	86062	——	——	——	——	——	Brass	*	——	——
	White	88062	——	——				302 S/S	84062-40	——	*
	Brown	85062	——	——				430 S/S	*	——	——
 3-GANG Phone/Cable .406" dia. Holes	——	——	——	——	——	——	——	Brass	*	——	——
								302 S/S	*	——	*
								430 S/S	*	——	——
 4-GANG Phone/Cable .406" dia. Holes	——	——	——	——	——	——	——	Brass	*	——	——
								302 S/S	*	——	*
								430 S/S	*	——	——
 5-GANG Phone/Cable .406" dia. Holes	——	——	——	——	——	——	——	Brass	*	——	——
								302 S/S	*	——	——
								430 S/S	*	——	——
 6-GANG Phone/Cable .406" dia. Holes	——	——	——	——	——	——	——	Brass	*	——	——
								302 S/S	*	——	——
								430 S/S	*	——	——

DESCRIPTION—STRAP MOUNT	COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	MATERIAL	STANDARD CAT. NO.	OVERSIZE CAT. NO.
1-GANG Phone/Cable .406" dia. Hole with knockout to enlarge hole to .625"	Ivory	86018	——	86113	——	——	——	Brass	*	——
	Black	——	——	——				302 S/S	84018-40	*
	Gray	87018	——	——				Aluminum	*	——
	White	88018	——	88113				430 S/S	*	——
	Brown	85018	——	——						
 1-GANG Phone/Cable .406" dia. Hole	Ivory	——	——	——	Ivory	80718-I	——	Brass	*	——
	Black	——	——	——	Black	80718-E	——	302 S/S	*	*
	Gray	——	——	——	Gray	80718-GY	——	430 S/S	*	——
	White	——	——	——	White	80718-W	——			
	Brown	——	——	——	Brown	80718	——			
	Red	——	——	——	Red	80718-R	——			
 1-GANG Phone/Cable .625" dia. Hole	Ivory	86037	——	——	——	——	——	Brass	*	——
	White	88037	——	——				430 S/S	*	84137
	Brown	85037	——	——				302 S/S	84037-40	84137-40
 2-GANG Phone/Cable .406" dia. Holes	Ivory	P22-I †	——	——	——	——	——	Brass	*	——
								302 S/S	*	*
								430 S/S	*	——
 3-GANG Phone/Cable .406" dia. Holes	Ivory	P32-I †	——	——	——	——	——	Brass	*	——
								302 S/S	*	*
								430 S/S	*	——

*Consult the end of this wallplate section for ordering details: allow 3-4 weeks for delivery.
† Painted metal wallplate

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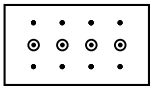
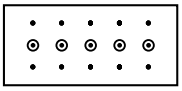
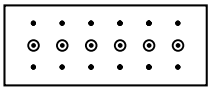
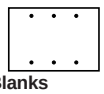
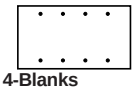
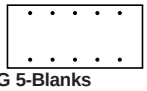
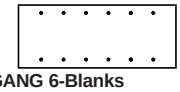
Telephone or Cable Outlet

DESCRIPTION— STRAP MOUNT	Plastic (Thermoset) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Thermoplastic) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals MATERIAL	STANDARD CAT. NO.	OVERSIZE CAT. NO.
 4-GANG Phone/Cable .406" dia. Holes	——	——	——	——	——	——	——	Brass	*	——
								302 S/S	*	*
								430 S/S	*	——
 5-GANG Phone/Cable .406" dia. Holes	——	——	——	——	——	——	——	Brass	*	——
								302 S/S	*	——
								430 S/S	*	——
 6-GANG Phone/Cable .406" dia. Holes	——	——	——	——	——	——	——	Brass	*	——
								302 S/S	*	——
								430 S/S	*	——

Blank Plate

DESCRIPTION— BOX MOUNT	Plastic (Thermoset) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Thermoplastic) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals MATERIAL	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.
1-GANG 1-Blank	Ivory	86014	80514-I	86114	Ivory	80714-I	PJ13-I	Chrome	*	——	——
	Black	——	——	——	Black	80714-E	PJ13-E	Aluminum	83014	——	——
	Gray	87014	——	——	Gray	80714-GY	PJ13-GY	Brass	81014	——	——
	White	88014	80514-W	88114	White	80714-W	PJ13-W	Polished Brass	84014-PB	——	——
	Brown	85014	80514	85114	Brown	80714	PJ13	430 S/S	84014	——	84114
	Almond	82014	80514-A		Almond	80714-A	PJ13-A	302 S/S	84014-40	——	84114-40
	Red	——	——	——	Red	80714-R	PJ13-R	302/304 S/S	——	SSJ13-040	——
2-GANG 2-Blanks	Ivory	86025	80525-I	——	Ivory	80725-I	PJ23-I	Aluminum	*	——	——
	Black	——	——	——	Black	80725-E	PJ23-E	Brass	81025	——	——
	Gray	87025	——	——	Gray	80725-GY	PJ23-GY	Polished Brass	84025-PB	——	——
	White	88025	80525-W	——	White	80725-W	PJ23-W	430 S/S	84025	——	——
	Brown	85025	80525	——	Brown	80725	PJ23	302 S/S	84025-40	——	84125-40
	Almond	82025	80525-A	——	Almond	80725-A	PJ23-A				
	Red	——	——	——	Red	——	——				
 3-GANG 3-Blanks	Ivory	86033	——	——	Ivory	80735-I	——	Aluminum	*	——	——
	Black	——	——	——	Black	80735-E	——	Brass	*	——	——
	Gray	——	——	——	Gray	80735-GY	——	430 S/S	*	——	*
	White	88033	——	——	White	80735-W	——	302 S/S	84033-40	——	84133-40
	Brown	85033	——	——	Brown	80735	——				
	Almond	——	——	——	Almond	80735-A	——				
 4-GANG 4-Blanks	Ivory	86064	——	——	——	——	——	Aluminum	*	——	——
	Black	——	——	——				Brass	*	——	——
	Gray	——	——	——				430 S/S	84064	——	——
	White	88064	——	——				302 S/S	84064-40	——	*
	Brown	85064	——	——							
 5-GANG 5-Blanks	——	——	——	——	——	——	——	Aluminum	*	——	——
								Brass	*	——	——
								302 S/S	84065-40	——	——
 6-GANG 6-Blanks	——	——	——	——	——	——	——	Brass	*	——	——
								302 S/S	84066-40	——	——

*Consult the end of this wallplate section for ordering details: allow 3-4 weeks for delivery.

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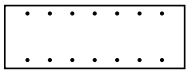
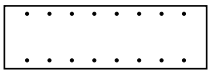
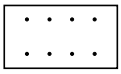
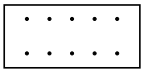
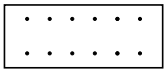
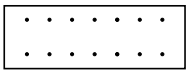
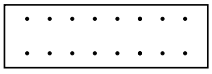
Blank Plate

DESCRIPTION—BOX MOUNT	Plastic (Thermoset) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Thermoplastic) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals MATERIAL	STANDARD CAT. NO.	OVERSIZE CAT. NO.
 7-GANG 7-Blanks	——	——	——	——	——	——	——	Brass 302 S/S	* 84067-40	—— ——
 8-GANG 8-Blanks	——	——	——	——	——	——	——	Brass 302 S/S	* 84068-40	—— ——

DESCRIPTION—STRAP MOUNT	COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	MATERIAL	STANDARD CAT. NO.	OVERSIZE CAT. NO.
1-GANG 1-Blank	Ivory Black Gray White Brown Red	86019 —— —— 88019 85019 ——	—— —— —— —— —— ——	—— —— —— —— —— ——	Ivory Black Gray White Brown Red	80719-I 80719-E 80719-GY 80719-W 80719 80719-R	—— —— —— —— —— ——	Aluminum Brass 430 S/S 302 S/S	* * 84019 84019-40	—— * * 84119-40
2-GANG 2-Blanks	Ivory Black Gray White Brown Red	86034 —— —— 88034 85034 ——	—— —— —— —— —— ——	—— —— —— —— —— ——	Ivory Black Gray White Brown Red	80734-I 80734-E 80734-GY 80734-W 80734 80734-R	—— —— —— —— —— ——	Aluminum Brass 302 S/S 430 S/S	* * 84034-40 *	—— —— 84134-40 ——
3-GANG 3-Blanks	Ivory White Brown	86035 88035 85035	—— —— ——	—— —— ——	——	——	——	Brass 302 S/S 430 S/S	* 84035-40 *	—— * ——
 4-GANG 4-Blanks	Ivory White Brown	86057 88057 85057	—— —— ——	—— —— ——	——	——	——	Brass 302 S/S 430 S/S	* 84057-40 *	—— * ——
 5-GANG 5-Blanks	——	——	——	——	——	——	——	Brass 302 S/S 430 S/S	* S54-N *	—— —— ——
 6-GANG 6-Blanks	——	——	——	——	——	——	——	Brass 302 S/S 430 S/S	* * *	—— —— ——
 7-GANG 7-Blanks	——	——	——	——	——	——	——	Brass 302 S/S 430 S/S	* * *	—— —— ——
 8-GANG 8-Blanks	——	——	——	——	——	——	——	Brass 302 S/S 430 S/S	* * *	—— —— ——

*Consult the end of this wallplate section for ordering details: allow 3-4 weeks for delivery.

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One Gang

DESCRIPTION	Plastic (Thermoset) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Thermoplastic) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals MATERIAL	STANDARD CAT. NO.	OVERSIZE CAT. NO.
1-GANG Power Outlet 2.15" dia. Hole Midway Use with 278, 279, 5206, 5207, 5371, 5372, 5373, 5374	Ivory	—	80528-I	—	Ivory	—	80728-I	Aluminum	83028	—
	Black	—	80528-BLK	—	Black	—	80728-E	Steel, Brass Finish	4928	—
	Gray	—	—	—	Gray	—	80728-GY	Steel, Alum. Finish	4927	—
	White	—	80528-W	—	White	—	80728-W	430 S/S	84028	—
	Brown	—	—	—	Brown	—	80728			
1-GANG Power Outlet 2.465" dia. Hole Midway Use with 278 & 279	Ivory	—	—	—	Ivory	80532-I	—	Aluminum	—	—
	White	—	—	—	Black	80532-E	—	430 S/S	—	—
	Brown				White	80532-W	—	Brass	—	—

Two Gang

DESCRIPTION	Plastic (Thermoset) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Thermoplastic) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals MATERIAL	STANDARD CAT. NO.	OVERSIZE CAT. NO.
2-GANG Power Outlet 2.15" dia. Hole Midway Use with 278, 279, 5206, 5207, 5371, 5372, 5373, 5374	Ivory	80526-I	—	—	Ivory	80726-I	—	Aluminum	83026	—
	Black	80526-BLK	—	—	—	—	—	Steel, Alum. Finish	4934	—
	White	80526-W	—	—	White	80726-W	—	430 S/S	84026	—
	Brown				Brown	80726	—	Brass	*	—
2-GANG Power Outlet 2.15" dia. Hole Offset	—	—	—	—	—	—	—	430 S/S	84022	—
2-GANG Power Outlet 2.465" dia. Hole Midway. Fits all 4 Wire Power Receptacles Except 278 & 279	Ivory	80530-I	—	—	—	—	—	Steel, Alum. Finish	S701GY	—
	Black	80530-BLK	—	—	—	—	—	302 S/S	S701-40	—
	White	80530-W	—	—	—	—	—	430 S/S	*	—
	Almond	80530-A	—	—						

Locking One Gang

DESCRIPTION	Plastic (Thermoset) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Thermoplastic) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals MATERIAL	STANDARD CAT. NO.	OVERSIZE CAT. NO.
1-GANG 20A & 30A Locking 1.60" Hole	—	—	—	—	Ivory	80720-I	—	Brass	*	—
					Black	80720-E	—	302 S/S	84020-40	*
					Gray	80720-GY	—			
					White	80720-W	—			
					Brown	80720	—			
					Red	80720-R	—			
1-GANG for Keylock switch 0.880" dia. Hole. Includes tamper resistant screws and screwdriver	—	—	—	—	—	—	—	302 S/S	84071-40	—

Two Gang with Centered Opening

DESCRIPTION	Plastic (Thermoset) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Thermoplastic) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals MATERIAL	STANDARD CAT. NO.	OVERSIZE CAT. NO.
2-GANG 1-Toggle	—	—	—	—	—	—	—	Brass	81040	—
								302 S/S	84040-40	—
								430 S/S	*	—
2-GANG 1-Phone/Cable .406" Hole, Box Mount	—	—	—	—	—	—	—	Brass	*	—
								302 S/S	*	—
								430 S/S	*	—

*Consult the end of this wallplate section for ordering details: allow 3-4 weeks for delivery.

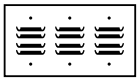
All wallplates are UL Listed and CSA Certified.

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

Two Gang with Centered Opening

DESCRIPTION	Plastic (Thermoset) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Thermoplastic) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals MATERIAL	STANDARD CAT. NO.	OVERSIZE CAT. NO.
2-GANG 1-Phone/Cable .406" Hole, Strap Mount	——	——	——	——	——	——	——	Brass 302 S/S 430 S/S	* * *	—— —— ——
2-GANG Blank Box Mount	——	——	——	——	——	——	——	Brass 302 S/S 430 S/S	* * *	—— —— ——
2-GANG Blank Strap Mount	——	——	——	——	——	——	——	Brass 302 S/S 430 S/S	—— —— *	—— —— ——
2-GANG 1 Decora	——	——	——	——	——	——	——	Brass 302 S/S 430 S/S	* S746-N *	—— —— ——
2-GANG 1 Single Outlet 1.406" dia. Hole	——	——	——	——	——	——	——	Brass 302 S/S 430 S/S	* 84092-40 *	—— —— ——
2-GANG 1-Duplex	——	——	——	——	——	——	——	302 S/S	84039-40	——

Louvre Plates

DESCRIPTION	Painted Metal COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Thermoplastic) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals MATERIAL	STANDARD CAT. NO.	OVERSIZE CAT. NO.
1-GANG CENTER 1-Louvre Plate Horizontal Box Mount	Ivory White	86079 † 88079 †	—— ——	—— ——	——	——	——	Brass 302 S/S 430 S/S	81079 84079-40 *	—— —— ——
1-GANG 1-Louvre Plate Strap Mount	Ivory White	86080 † 88080 †	—— ——	—— ——	——	——	——	Brass 302 S/S 430 S/S	81080 84080-40 *	—— —— ——
2-GANG 2-Louvre Plate Strap Mount	——	——	——	——	——	——	——	Brass 302 S/S 430 S/S	* 84081-40 *	—— —— ——
 3-GANG 3-Louvre Plate Strap Mount	——	——	——	——	——	——	——	Brass 302 S/S 430 S/S	* * *	—— —— ——

*Consult the end of this wallplate section for ordering details: allow 3-4 weeks for delivery.

† Painted metal wallplate

All wallplates are UL Listed and CSA Certified.

Toggle Switch and Single Receptacle

DESCRIPTION	Plastic (Thermoset) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Thermoplastic) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals MATERIAL	STANDARD CAT. NO.	OVERSIZE CAT. NO.
2-GANG 1-Toggle 1-Single 1.406" dia. Hole	Ivory White Brown	86007 88007 85007	———	———	———	———	———	Aluminum Brass 430 S/S 302 S/S	* * 84007 84007-40	——— ——— * *
3-GANG 2-Toggles 1-Single 1.406" dia. Hole	———	———	———	———	———	———	———	Aluminum Brass 302 S/S 430 S/S	* * 84088-40 *	——— ——— * ———
4-GANG 3-Toggles 1-Single 1.406" dia. Hole	———	———	———	———	———	———	———	Aluminum Brass 302 S/S	* * 84042-40	——— ——— *

Toggle Switch and Duplex Receptacle

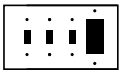
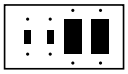
DESCRIPTION	Plastic (Thermoset) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Thermoplastic) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals MATERIAL	STANDARD CAT. NO.	OVERSIZE CAT. NO.
2-GANG 1-Toggle 1-Duplex	Ivory Black Gray White Brown Almond Red	86005 ——— 87005 88005 85005 82005 ———	80505-I ——— ——— 80505-W 80505 80505-A ———	86105 ——— ——— 88105 85105 ——— ———	Ivory Black Gray White Brown Almond Red	80705-I 80705-E 80705-GY 80705-W 80705 80705-A 80705-R	PJ18-I PJ18-E PJ18-GY PJ18-W PJ18 PJ18-A PJ18-R	Aluminum Brass 430 S/S 302 S/S	83005 81005 84005 84005-40	——— ——— ——— 84105-40
3-GANG 2-Toggles 1-Duplex	Ivory Black Gray White Brown Almond	86021 ——— 87021 88021 85021 82021	80521-I ——— ——— 80521-W 80521 ———	——— ——— ——— ——— ——— ———	Ivory Black Gray White	80721-I 80721-E ——— 80721-W	——— ——— ——— ———	Aluminum Brass 302 S/S 430 S/S	* 81021 84021-40 *	——— ——— 84121-40 ———
4-GANG 3-Toggles 1-Duplex	Ivory Gray White Brown Almond	P38-I ——— P38-W P38 P38-A	——— ——— ——— ——— ———	——— ——— ——— ——— ———	——— ——— ——— ——— ———	80743-I ——— 80743-W 80743 ———	——— ——— ——— ——— ———	Aluminum Brass 430 S/S 302 S/S	* * 84043 *	——— ——— ——— *
5-GANG 4-Toggles 1-Duplex	Ivory White	P48-I P48-W	——— ———	——— ———	———	———	———	Brass 302 S/S 430 S/S	* S48-N *	——— ——— ———

Toggle Switch and Decora/GFCI

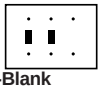
DESCRIPTION	Plastic (Thermoset) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Thermoplastic) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals MATERIAL	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.
2-GANG 1-Toggle 1-Decora/GFCI	Ivory Black Gray White Brown Almond	80405-I 80405-E 80405-GY 80405-W 80405 80405-A	80605-I ——— ——— 80605-W 80605 80605-A	86605 ——— ——— 88605 ——— 82605	Ivory Black Gray White Brown Almond Red	80707-I 80707-E 80707-GY 80707-W 80707 80707-A 80707-R	PJ126-I ——— ——— PJ126-W PJ126 PJ126-A ———	Brass 430 S/S 302 S/S 302/304 S/S	* S126 * ———	——— ——— ——— SJ26-040	——— * * ———
3-GANG 2-Toggles 1-Decora/GFCI	Ivory Black White Brown Almond	80421-I 80421-E 80421-W 80421 80421-A	——— ——— ——— ——— ———	——— ——— ——— ——— ———	Ivory Black White Brown Almond	80745-I ——— 80745-W 80745 80745-A	PJ226-I ——— PJ226-W PJ226 PJ226-A	Brass 302 S/S 430 S/S	* 84421-40 *	——— ——— ———	——— * ———

*Consult the end of this wallplate section for ordering details: allow 3-4 weeks for delivery.
All wallplates are UL Listed and CSA Certified.

Toggle Switch and Decora/GFCI

DESCRIPTION	Plastic (Thermoset) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Thermoplastic) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals MATERIAL	STANDARD CAT. NO.	OVERSIZE CAT. NO.
3-GANG 2-Decora/GFCI 1-Toggle	Ivory	80431-I	——	——	Ivory	80731-I	——	Brass	*	——
	Black	——	——	——	Black	——	——	302 S/S	*	*
	Gray	80431-GY	——	——	Gray	——	——	430 S/S	*	——
	White	80431-W	——	——	White	80731-W	——			
	Brown	80431	——	——	Almond	——	——			
	Almond	80431-A	——	——						
 4-GANG 3-Toggles 1-Decora/GFCI	Ivory	P326-I	——	——	Ivory	80732-I	——	Brass	*	——
	White	P326-W	——	——	White	80732-W	——	302 S/S	*	*
	Brown	P326	——	——				430 S/S	*	——
	Almond	P326-A	——	——						
 4-GANG 2-Toggles 2-Decora/GFCI	Ivory	P2262-I †	——	——	——	——	——	Brass	*	——
	White	P2262-W †	——	——				302 S/S	*	*
								430 S/S	*	——
5-GANG 4-Toggles 1-Decora/GFCI	——	——	——	——	——	——	——	Brass	*	——
								302 S/S	S426-N	——
								430 S/S	*	——

Toggle Switch and Blank

DESCRIPTION	Plastic (Thermoset) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Thermoplastic) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals MATERIAL	STANDARD CAT. NO.	OVERSIZE CAT. NO.
2-GANG 1-Toggle 1-Blank Strap Mount	——	——	——	——	——	——	——	Aluminum	*	——
								Brass	*	——
								302 S/S	84077-40	*
								430 S/S	*	——
 3-GANG 2-Toggles 1-Blank Strap Mount	——	——	——	——	——	——	——	Brass	*	——
								302 S/S	S214-N	*
								430 S/S	*	——
2-GANG 1-Toggle 1-Blank Box Mount	Ivory	86006	80506-I	86106	Ivory	80706-I	——	Brass	*	——
	White	88006	80506-W	88106	White	80706-W	——	302 S/S	84006-40	*
	Brown	85006	80506	85106	Brown	80706	——	430 S/S	*	——
	Gray	87006	——	——	Almond	80706-A	——			
					Black	80706-E	——			
					Red	80706-R	——			
					Gray	80706-GY	——			

Combination—Two Gang

DESCRIPTION	Plastic (Thermoset) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Thermoplastic) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals MATERIAL	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.
2-GANG 1-Single , 1.406" dia. Hole 1-Duplex	Ivory	86046 †	——	——	——	——	——	Brass	*	——	——
	White	88046 †	——	——				302 S/S	84046-40	——	84146-40
								Aluminum	*	——	
								430 S/S	*		——
2-GANG 1-Duplex 1-Decora/GFCI	Ivory	80455-I	——	——	Ivory	80746-I	PJ826-I	Brass	*	——	——
	White	80455-W	——	——	White	80746-W	PJ826-W	302 S/S	84455-40		*
	Brown	80455	——	——	Brown	80746	——	302/304 S/S	——	SJ826-040	——
	Almond	80455-A	——	——	Almond	80746-A	——	Aluminum	*	——	——
					Black	80746-E	——	430 S/S	*	——	——
					Gray	80746-GY	——				
					Red	80746-R	——				
2-GANG 1-Toggle 1-Phone/Cable, .406"dia. Hole Strap Mount	Ivory	86077	——	——	——	——	——	Brass	*	——	——
	White	88077	——	——				302 S/S	S112-N	——	*
								430 S/S	*	——	——

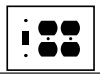
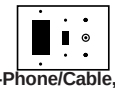
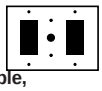
*Consult the end of this wallplate section for ordering details: allow 3-4 weeks for delivery.
† Painted metal wallplate

All wallplates are UL Listed and CSA Certified.

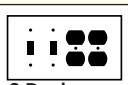
Combination—Two Gang

DESCRIPTION	Plastic (Thermoset) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Thermoplastic) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals MATERIAL	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.
2-GANG 1-Phone/Cable, .406" dia. Hole, Strap Mount 1-Duplex	Ivory White	86078 88078	—— ——	—— ——	——	——	——	Brass 302 S/S 302/304 S/S 430 S/S	* 84078-40 —— *	—— —— SSJ18-040 ——	—— * —— ——
2-GANG 1-Phone/Cable, .406" dia. Hole 1-Blank, Strap Mount	——	——	——	——	——	——	——	Brass 302 S/S 430 S/S	* * *	—— —— ——	—— * ——
2-GANG 1-Phone/Cable, .406" dia. Hole, Strap Mount 1-Decora/GFCI	Ivory White	80479-I 80479-W	—— ——	—— ——	——	——	——	Brass 302 S/S 430 S/S	* * *	—— —— ——	—— * ——
2-GANG 1-Blank, Strap Mount 1-Duplex	Ivory White	86087 † 88087 †	—— ——	—— ——	——	——	——	Brass 302 S/S 430 S/S	* 84047-40 *	—— —— ——	—— * ——
2-GANG 1-Blank, Box Mount 1-Duplex	Ivory White Brown	86008 88008 85008	80508-I 80508-W 80508	86108 —— 85108	Ivory White	N138-I N138-W	—— —— ——	Brass 302 S/S 430 S/S	* 84008-40 *	—— —— ——	—— * ——
2-GANG 1-Blank, Strap Mount 1-Single, 1.406" dia. Hole	Ivory White	86085 † 88085 †	—— ——	—— ——	——	——	——	Brass 302 S/S Aluminum 430 S/S	* 84085-40 * *	—— —— —— ——	—— * —— ——
2-GANG 1-Blank, Strap Mount 1-Decora/GFCI	Ivory White Brown Almond	P1426-I † P1426-W † —— ——	80608-I 80608-W 80608 80608-A	—— —— —— —— Black	Ivory White Brown Almond 80708-E Gray Red	80708-I 80708-W 80708 80708-A —— 80708-GY 80708-R	—— —— —— —— —— —— ——	Brass 302 S/S 430 S/S	* S1426-N *	—— —— ——	—— * ——

Combination—Three Gang

DESCRIPTION	Plastic (Thermoset) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Thermoplastic) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals MATERIAL	STANDARD CAT. NO.	OVERSIZE CAT. NO.
3-GANG 1-Toggle 2-Singles, 1.406" dia. Hole	——	——	——	——	——	——	——	Brass 430 S/S 302 S/S	* *	—— *
3-GANG 1-Toggle 2-Duplex 	Ivory White Brown	86047 88047 85047	—— —— ——	—— —— ——	Ivory White Brown	80747-I 80747-W 80747	—— —— ——	Brass 302 S/S 430 S/S	* 84047-N *	—— 84147-40 ——
3-GANG 1-Decora/ GFCI 1-Toggle 1-Phone/Cable, .406" dia. Hole 	Ivory	80442-I	——	——	——	——	——	Brass 302 S/S 430 S/S	* * *	—— * ——
3-GANG 2-Decora/ GFCI 1-Phone/Cable, .406" dia. Hole 	Ivory White	80443-I 80443-W	—— ——	—— ——	——	——	——	Brass 302 S/S 430 S/S	* * *	—— * ——

Combination—Four Gang

DESCRIPTION	Plastic (Thermoset) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Thermoplastic) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals MATERIAL	STANDARD CAT. NO.	OVERSIZE CAT. NO.
4-GANG 2-Toggles 2-Duplex 	——	——	——	——	——	——	——	Brass 302 S/S Aluminum 430 S/S	81045 84045-40 * *	—— * —— ——

*Consult the end of this wallplate section for ordering details: allow 3-4 weeks for delivery.
† Painted metal wallplate

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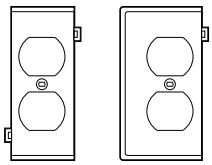
Sectional Wallplates for Multi-Gang Installations*

Thermoplastic Construction

Center End

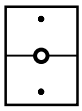


Duplex Receptacle

DESCRIPTION	COLOR	CENTER PANELS CAT. NO.	END PANELS CAT. NO.
Duplex Receptacle	WHITE	PSC 8-W	PSE 8-W
	IVORY	PSC 8-I	PSE 8-I
	RED	PSC8-R	PSE8-R
Toggle Switch	WHITE	PSC 1-W	PSE 1-W
	IVORY	PSC 1-I	PSE 1-I
Single Receptacle, 1.406" dia. hole	WHITE	PSC 7-W	PSE 7-W
	IVORY	PSC 7-I	PSE 7-I
	RED	PSC7-R	PSE7-R
Blank, Strap-Mount	WHITE	PSC 14	PSE 14-W
	IVORY	PSC 14-I	PSE 14-I
Decora	WHITE	PSC 26-W	PSE 26-W
	IVORY	PSC 26-I	PSE 26-I

*Outer dimensions of wallplates created from two or more sectional panels will be the same as standard multi-gang plates.

Horizontal Split Plate for Terminated Cable

DESCRIPTION	COLOR	CAT. NO.	IND. NO.	METAL	CAT. NO.	IND. NO.
Horizontal Split Plate for Terminated Cable 1-GANG .625" dia. Hole w/Grommet .406" inner dia. 	IVORY	N751-I	N751-I	BRASS	*	——
	WHITE	N751-W	N751-W	430 S/S	*	——
				302 S/S	S751-N	S751-N

Hot Stamped and Engraved Plates

DESCRIPTION	Plastic (Thermoset) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Hot Stamped) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals (Engraved) MATERIAL	STANDARD CAT. NO.	OVERSIZE CAT. NO.
1-GANG 1-Duplex Stamped and Engraved "EMERGENCY"	——	——	——	——	Red	80703-RE	PJ8-RE	302 S/S	84003-E40	——
2-GANG 2-Duplex Stamped and Engraved "EMERGENCY"	——	——	——	——	Red	80716-RE	PJ82-RE	302 S/S	84016-E40	——
1-GANG 1-Duplex Stamped and Engraved "ISOLATED GROUND"	——	——	——	——	Orange Ivory White	80703-IG 80703-IGI 80703-IGW	PJ8-IG —— ——	302 S/S	84003-IG	——
2-GANG 2-Duplex Stamped and Engraved "ISOLATED GROUND"	——	——	——	——	Orange	80716-IG	——	302 S/S	*	——
1-GANG 1-Single, 1.406" dia. Hole Stamped and Engraved "ISOLATED GROUND"	——	——	——	——	Orange	80704-IG	——	302 S/S	*	——
1-Gang 1-Single, 1.60" dia. Hole Stamped "ISOLATED GROUND" For use with 20A & 30A single locking receptacles	——	——	——	——	Orange	80720-IG	——	302 S/S	*	——
1-Gang 1-Toggle Stamped and Engraved "EMERGENCY"	——	——	——	——	Red	80701-RE	——	302 S/S	84001-E40	——

*Consult the end of this wallplate section for ordering details: allow 3-4 weeks for delivery.

All wallplates are UL Listed and CSA Certified.

Hot Stamped and Engraved Plates

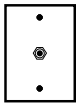
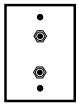
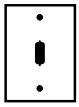
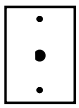
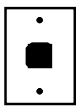
DESCRIPTION	Plastic (Thermoset) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	OVERSIZE CAT. NO.	Nylon (Hot Stamped) COLOR	STANDARD CAT. NO.	MIDWAY CAT. NO.	Assorted Metals (Engraved) MATERIAL	STANDARD CAT. NO.	OVERSIZE CAT. NO.
1-GANG 1-Duplex Stamped "GFCI PROTECTED"	—	—	—	—	Ivory	80703-GFI	—	302 S/S	*	
1-GANG 1-Duplex Stamped "GFCI PROTECTED"	—	—	—	—	White	80703-GRW	—	302 S/S	*	—
1-GANG 1-Duplex Stamped "COMPUTER ONLY"	—	—	—	—	Ivory	80703-COI	—	302 S/S	*	—
1-GANG 1-Duplex Stamped "COMPUTER ONLY"	—	—	—	—	White	80703-COW	—	302 S/S	*	—
1-GANG 1 Decora Stamped "SURGE PROTECTED"	—	—	—	—	—	*	—	302 S/S	*	—
1-GANG 1 Decora Stamped "ISOLATED GROUND"	—	—	—	—	Orange	80401-IG	—	302 S/S	*	—
1-GANG 1 Decora Stamped "GFCI"	—	—	—	—	Ivory	80401-GFI	—	302 S/S	*	—
1-GANG 1 Decora Stamped "GFCI"	—	—	—	—	White	80401-GFW	—	302 S/S	*	—
1-GANG 1 Decora Stamped "COMPUTER ONLY"	—	—	—	—	Ivory	80401-COI	—	302 S/S	*	—
1-GANG 1 Decora Stamped "COMPUTER ONLY"	—	—	—	—	White	80401-COW	—	302 S/S	*	—

*Consult the end of this wallplate section for ordering details: allow 3-4 weeks for delivery.
All wallplates are UL Listed and CSA Certified.

These sturdy, high-impact wallplates for the 46000 series voice/data devices are available for single-gang applications with standard or Decora-compatible styling.

Standard Size

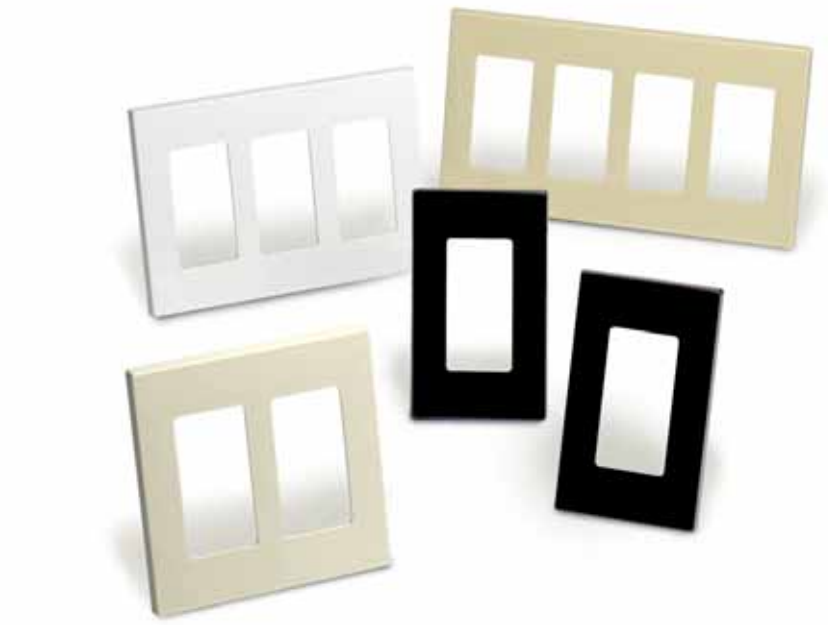
Voice/Data/CATV Wallplates*

DESCRIPTION		COLOR (NYLON)	METAL	CAT. NO.
1-GANG **Type "F" Connector**		IVORY WHITE	———	80781-I 80781-W
1-GANG **Duplex** **Type "F" Connector**		IVORY WHITE	———	80782-I 80782-W
1-GANG **DB9 Data Connector** **DB15 Data Connector** **DB25 Data Connector**		——— ——— ———	302 S/S 302 S/S 302 S/S	84441 84442 84443
1-GANG **BNC/TNC "D" Connector** **BNC Twinax "D" Connector**		——— ———	302 S/S 302 S/S	84444 84445
1-GANG **Token Ring** **IBM Data Connector**		———	302 S/S	84446

*Consult the end of this Wallplates section for ordering details: allow 3–4 weeks for delivery.
All wallplates are UL Listed and CSA Certified.

Decora Plus™ Screwless Wallplates

10 YEAR LIMITED WARRANTY



Decora Plus Wallplates Enhance Interiors in These Ways:

- Sleek, smooth contemporary architectural styling enhances fine decor
- Screwless, thermoplastic snap-on design for easy placement
- Decora-compatible two piece kit allows easy retrofit to any Decora installation
- Clear plates available for use with wall paper to enhance decor
- UL Listed
- CSA Certified

Standard Size

Decora Plus Thermoplastic Screwless Snap-On Wallplates

DESCRIPTION	MAHOGANY	IVORY	WHITE	ALMOND	GRAY	BLACK	CLEAR
1-GANG	80301	80301-I	80301-W	80301-A	80301-GY	80301-E	80301-CL
2-GANG	80309	80309-I	80309-W	80309-A	80309-GY	80309-E	80309-CL
3-GANG	80311	80311-I	80311-W	80311-A	80312-GY	80311-E	____
4-GANG	80312	80312-I	80312-W	80312-A	80311-GY	80312-E	____
5-GANG	____	80321-I	80321-W	80321-A	____	____	____
6-GANG	____	80326-I	80326-W	80326-A	____	____	____

*Consult factory for availability.

All wallplates are UL Listed and CSA Certified.

Weather-Resistant Covers

LEVITON

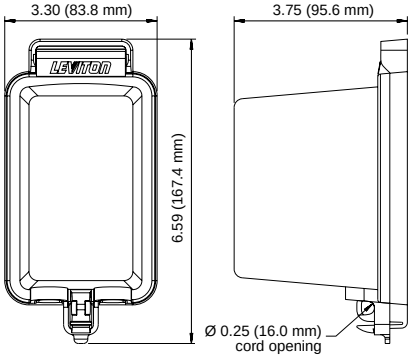
SPECIFICATIONS & FEATURES		
GENERAL	**PLASTIC**	**PLASTIC & METAL**
• Mounting Screws and rubber gasket included for fast, easy installation onto surface-mounted outdoor-type boxes or flush-mounted wall boxes • Easy-grip self-closing covers with durable, non-corrosive stainless steel screws	• Impact resistant thermoplastic construction • Pre-installed gasket for easy, reliable installation • Tongue and groove plate-to-cover construction • Offset device opening (horizontal only) for easier cord exit • Thermoplastic inserts prevent insect and debris accumulation	• Self-closing • Vertical and horizontal mounting • Die cast aluminum or impact-resistant thermoplastic covers and bases • Weather-resistant gaskets • Stainless steel springs • Gray, white or clear finish

STANDARDS & CERTIFICATIONS
TESTING & CODE COMPLIANCE
• Full compliance with UL, CSA and NEC Section 410-57 requirements for damp and wet locations with cover closed • Raintight while-in-use covers are NEMA 3R rated for use with unattended plugs engaged in "live" receptacles in wet or damp locations

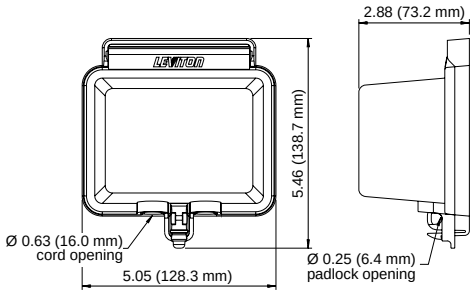
Raintight While-In-Use Covers

DESCRIPTION	MOUNTING	CAT. NO.
Duplex Receptacle, Gray, Standard	Vertical	5976-GY
Duplex Receptacle, Gray, Extra Deep	Vertical	5976-DGY
Duplex Receptacle, Clear, Standard	Vertical	5976-CL
Decora/GFCI, Gray, Standard	Vertical	5977-GY
Decora/ GFCI, Gray, Extra Deep	Vertical	5977-DGY
Decora/GFCI, Clear, Standard	Vertical	5977-CL
Decora/GFCI, Clear, Extra Deep	Vertical	5977-DCL
Single Receptacle, Gray, Standard	Vertical	5978-GY
Single Receptacle, Clear, Standard	Vertical	5978-CL
Single Receptacle, Clear, Extra Deep	Vertical	5978-DGY
Single Receptacle, Gray Metal, Decora/GFCI and Duplex	Vertical	M5979-0GY
Single Receptacle, White Metal, Decora/GFCI and Duplex	Vertical	M5979-00W
Duplex Receptacle, Gray, Standard	Horizontal	5996-GY
Duplex Receptacle, Gray, Extra Deep	Horizontal	5996-DGY
Duplex Receptacle, Clear, Standard	Horizontal	5996-CL
Decora/GFCI, Gray, Standard	Horizontal	5997-GY
Decora/GFCI, Gray, Extra Deep	Horizontal	5997-DGY
Decora/GFCI, Clear, Standard	Horizontal	5997-CL
Decora/GFCI, Clear, Extra Deep	Horizontal	5997-DCL
Single Receptacle, Gray, Standard	Horizontal	5998-GY
Single Receptacle, Gray, Extra Deep	Horizontal	5998-DGY
Single Receptacle, Clear, Standard	Horizontal	5998-CL
Single Receptacle, Gray Metal, Decora/GFCI and Duplex	Horizontal	M5999-0GY
Single Receptacle, White Metal, Decora/GFCI and Duplex	Horizontal	M5999-00W

All wallplates are UL Listed and CSA Certified.



VERTICAL MOUNT, EXTRA DEEP



HORIZONTAL MOUNT, STANDARD

SPECIFICATIONS AND FEATURES
• IP 54 Suitability Rating • Glass-filled thermoplastic cover and plate for outstanding impact resistance and durability • Dual gaskets, one under plate and one under lid, for weather-resistant fit • UL Listed and CSA certified for wet locations with cover closed

ENVIRONMENTAL	
FLAMMABILITY	OPERATING TEMP.
Rated V-2 per UL 94	-40°C to 60°C

STANDARDS & CERTIFICATIONS		
CSA Certified	UL Listed	NOM
#LR-16347	#E13397	#057

FD BOX — See Section D

7420-CR

WP1 WP2

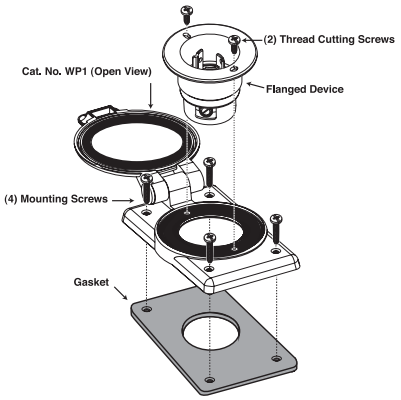
7788-CR

7770

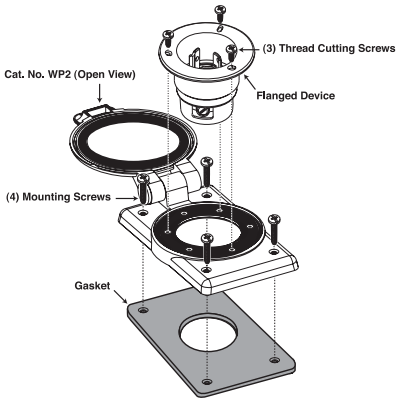
Industrial Weather-Resistant Covers

DESCRIPTION	COLOR	CAT. NO.
For use with 15-amp locking, 15-amp and 20-amp straight-blade flanged inlets and outlets	GRAY	WP1
For use with 20-amp and 30-amp 3-, 4-, and 5-wire locking flanged inlets and outlets; 30-amp and 50-amp 3-wire power receptacles	GRAY	WP2
For use with 20-amp and 30-amp single locking receptacles and FS/FD boxes	YELLOW	7420-CR
For use with 50-amp single locking receptacles and FS/FD boxes	GRAY	7770
For use with 50-amp single locking receptacles and FS/FD boxes	YELLOW	7788-CR

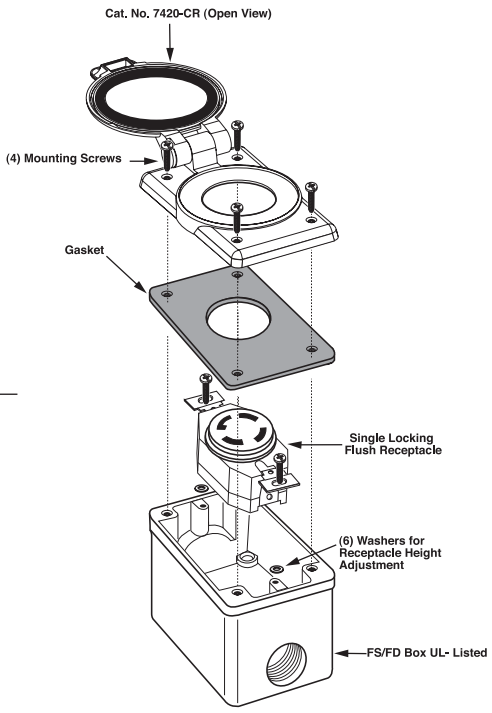
ill. 1 - WP1 Weather-Resistant Cover Installation

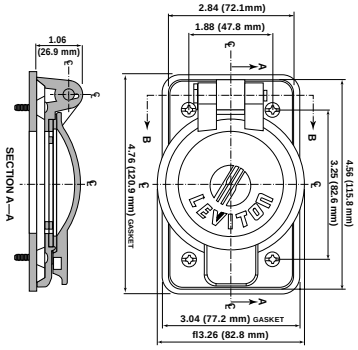


ill. 3 - WP2 Weather-Resistant Cover Installation

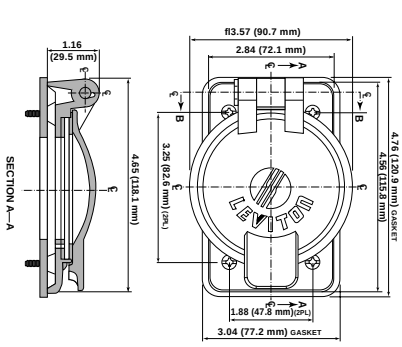


ill. 5 - 7420-CR Weather-Resistant Cover Installation





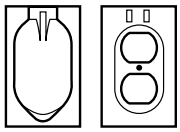
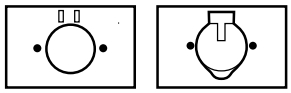
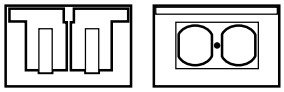
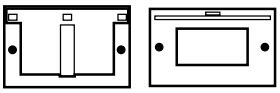
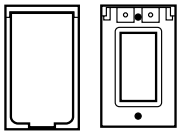
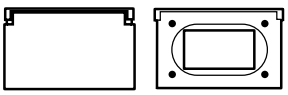
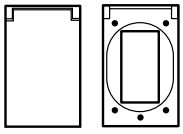
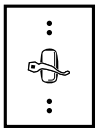
WP1 & 7420-CR



WP2

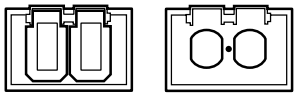
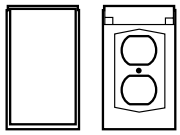
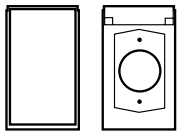
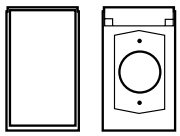
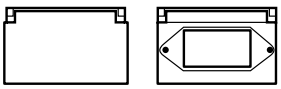
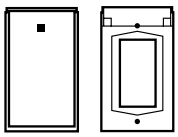
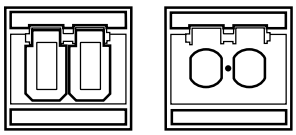
All wallplates are UL Listed and CSA Certified.

Die-Cast Zinc Weather-Resistant Covers

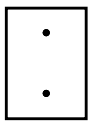
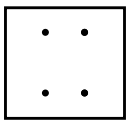
DESCRIPTION		MOUNTING	CAT. NO.
Duplex Receptacle 1-GANG		Vertical	4926
Single Receptacle 1-GANG Self-Closing Lid		Horizontal	4925-2
Duplex Receptacle or Combination Device 1-GANG Two Independent Self-Closing Lids★		Horizontal	4970
Decora/GFCI 1-GANG Self-Closing Lid		Horizontal	4990
Decora/GFCI 1-GANG Self-Closing Lid★		Vertical	4992
Decora/GFCI 1-GANG Self-Closing Lid for mounting on FS or FD Box type box		Horizontal	6196-FS
Decora/GFCI 1-GANG Self-Closing Lid for mounting on FS or FD Box type box		Vertical	6196-VFS
Weatherproof Wallplate & Switch 15A 120V AC		Horizontal or Vertical	1432

All wallplates are UL Listed . Also CSA Certified except where indicated by★

Thermoplastic Weather-Resistant Covers

DESCRIPTION		MOUNTING	CAT. NO.
Duplex Receptacle or Combination Device 1-GANG Two Independent Self-Closing Lids		Horizontal	4976-GY 4976-W
Duplex Receptacle or Combination Device 1-GANG Self-Closing Lid		Vertical	4978-GY 4978-W
Single Receptacle 1-GANG Self-Closing Lid		Vertical	4979-GY
Single 20A or 30A Locking Receptacle 1-GANG Self-Closing Lid		Vertical	4980-GY
Decora/GFCI 1-GANG Self-Closing Lid		Horizontal	4996-GY 4996-W
Decora/GFCI 1-GANG Self-Closing Lid		Vertical	4998-GY 4998-W
Oversized Duplex 1-GANG Two Independent Self-Closing Lids		Horizontal	4986-GY

Blank Box Mounted Wallplates with Gasket

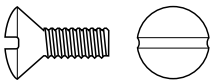
DESCRIPTION		CAT. NO.
1-GANG Aluminum, Box Mount		83014-EXT
2-GANG Aluminum, Box Mount		83025-EXT

All wallplates are UL Listed and CSA Certified.

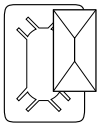
Wallplate Accessories

LEVITON

Wallplate Screws

DESCRIPTION	COLOR	CAT. NO.
 **OVAL HEAD MILLED SLOT** **5/16" long – 6-32 thread 100 per box**	IVORY GRAY WHITE BROWN ALMOND S/S	86400-PRT 87400-PRT 88400-PRT 85400-PRT 82400-PRT 84400-PRT
OVAL HEAD MILLED SLOT **1/2" long – 6-32 thread 100 per box**	IVORY BLACK GRAY WHITE BROWN S/S	86000-PRT 83000-PRT 87000-PRT 88000-PRT 85000-PRT 84000-PRT
OVAL HEAD MILLED SLOT **7/8" long – 6-32 thread 50 per box**	IVORY RED WHITE BROWN S/S	86500-PRT 89500-PRT 88500-PRT 85500-PRT 84500-PRT

Pilot Light Jewels

DESCRIPTION	COLOR	CAT. NO.
ROUND **Fits single receptacle hole** **1.375–1.406" dia.**	GREEN RED	405-GR 405-R
 **RECTANGULAR** **Fits toggle switch hole** **.406 x .942"**	GREEN RED	406-GR 406-R
LAMPHOLDER ASSEMBLY **for use with jewels or louvre plates – use with standard 2.5" box and 4 watt bulb**	(bulb included)	2152

Mounting Screws

DESCRIPTION	COLOR	CAT. NO.
PHILLIPS/STANDARD **7/8" long – 6-32 thread 50 per bag**	S/S	84440-PRT

All wallplates are UL Listed and CSA Certified.

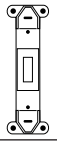
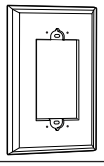
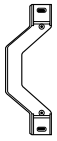
Tamper-Resistant Spanner Head Screws

DESCRIPTION	COLOR	CAT. NO.
SPANNER HEAD **1/2" long – 6-32 thread 100 per box**	S/S	84000-T
SCREWDRIVER **for Spanner head or** **Tamper-Resistant screws**	BLACK	84000-TSD

Plastic Wallplate Adapters

DESCRIPTION	COLOR	CAT. NO.

These adapters permit the use of rotary dimmers in multi-gang Decora installations or fill blank holes in multi-device Decora or toggle wallplates.

DIMMER SHAFT **.406" dia. Hole**	IVORY BLACK GRAY BROWN WHITE ALMOND	80400-I 80400-E 80400-GY 80400 80400-W 80400-A
BLANK DECORA **No Hole**	IVORY BLACK GRAY BROWN WHITE ALMOND	80414-I 80414-E 80414-GY 80414 80414-W 80414-A
 **BLANK TOGGLE** **No Hole**	IVORY GRAY BROWN WHITE	80700-I 80700-GY 80700 80700-W
 **WALLBOX ADAPTER** **Extends shallow wallbox** **to fit GFCI/Decora devices**	IVORY BROWN WHITE	6197-I 6197 6197-W
SNAP IN GROMMET **reduces 1.406" to 1.00"** **for use with single** **receptacle wallplates**	BLACK	403-E
 **THERMOPLASTIC** **Yoke/Mounting Strap w/screws** Custom wallplate configurations 11, 23, 27 and 31 are supplied with strap kits. See Custom Wallplate section at the end of this section		404

Special Wallplates

The Order Form and instructions requesting custom wallplate configurations are found on the following pages. Custom wallplates are available in a variety of metals and can be requested from Leviton through special order, beginning on the next page.

All devices are UL Listed and CSA Certified.

How to Order Custom Wallplates

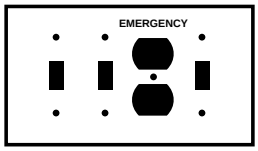
General Information

Custom wallplates, up to twelve gangs in size, made of brass, stainless steel, painted steel, aluminum or chrome, can be special ordered from Leviton. Any combination of the configurations shown can be specified to meet your needs. In addition, standard and custom metal wallplates can be engraved, and standard nylon wallplates can be hot stamped, with the message of your choice. Follow the steps below to fill out the Custom Wallplate Order Form completely and accurately. The finished order form must include:

1. The wallplate catalog number
2. The type of wallplate material desired (from the Material Code Chart)
3. The quantity of wallplates desired
4. The wallplate configurations in proper order (from the Configuration Code Chart)
5. The wallplate color, selected from the Wallplate Color Code Chart
6. Engraved or hot stamped message, if desired, with message location and letter size
7. Engraved or hot stamped message filler color, selected from the Fill-In Color Chart

---

Photocopy the blank Custom Wallplate Order Form at the back of this section and refer to the completed sample Custom Wallplate Order Form shown when filling out your order. Your Leviton representative can provide you with additional forms if needed. The sample order grid below shows the custom wallplate pictured at right:



Sample Grid

CAT. NO. 90004 MATERIAL CODE S3 QTY. 1

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
01	01	EMERGENCY 03	01								

COLOR CODE _____ ENGRAVED ✓ HOT STAMPED _____ LETTER SIZE 3/8"

FILLER CODE XR PRICE _____

How to Order Custom Wallplates

LEVITON

How to Fill Out the Custom Wallplate Order Form

STEP 1: DETERMINE THE WALLPLATE CATALOG NUMBER

The catalog number for a custom wallplate is determined as follows: a single-gang custom wallplate is Cat. No. 90001, a double-gang custom wallplate is Cat.No. 90002, a three-gang custom wallplate is Cat. No. 90003, and so on through the sequence to Cat. No. 90010 for the ten-gang custom wallplate. Enter the number in the space on the Order Form marked "CAT. NO." If you are ordering a standard metal wallplate for custom engraving, use the 90000 series number. If you are ordering a standard nylon wallplate for custom hot stamping, enter that wallplate's catalog number in the space on the Order Form marked "CAT. NO."

STEP 2: SELECT THE WALLPLATE MATERIAL

Choose the custom wallplate material desired from the Wallplate Material Chart below. Enter the Material Code for the material selected in the space marked "MATERIAL CODE" on the Order Form. When ordering Custom Hot Stamped wallplates, enter NYLON.

MATERIAL	MATERIAL CODE
Aluminum†	AL
Brass	BR
Non-Magnetic Stainless Steel-Type 302/304	S3
Oversize Non-Magnetic Stainless Steel-Type 302/304*	S30
Painted Steel	S5
Oversize Painted Steel*	S50
Chrome	CRM
Raw Steel	RAW

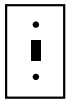
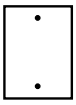
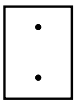
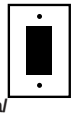
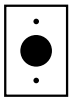
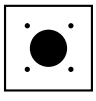
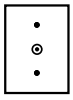
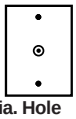
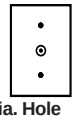
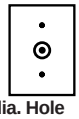
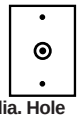
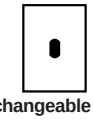
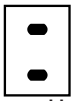
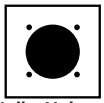
†6-Gang maximum size, standard size only
*4-Gang maximum size

STEP 3: DETERMINE THE QUANTITY OF THE WALLPLATE ORDER

Enter the quantity of wallplates needed in the space marked "QUANTITY" on the Order Form.

STEP 4: DETERMINE THE CUSTOM WALLPLATE CONFIGURATION

The Wallplate Configuration Chart below shows all the configurations that can be specified for Leviton custom metal wallplates. Each configuration has a specific Configuration Code number in the lower right-hand corner of its corresponding space on the chart. Enter this configuration code in the center of the corresponding square on the Order Form Grid to match its desired position on the finished custom wallplate. Refer to the Sample Order Form Grid for clarification on configurations and their placement, if necessary (page Q27).

 Toggle Switch 01	Duplex Receptacle 03	Louvre Horizontal Mount 05	Louvre Vertical Mount* 07	 Blank Box Mount 09	 Blank Strap Mount 11
 Decora/ GFCI 13	 Single 1.406" dia. Receptacle 15	1.60" dia. Hole 17	2.15" dia. Hole** 19	 2.15" dia. Hole** 21	 .312" dia. Hole Strap Mount 23
 .312" dia. Hole Box Mount 25	 .406" dia. Hole Strap Mount 27	.406" dia. Hole Box Mount 29	 .625" dia. Hole Strap Mount 31	 .625" dia. Hole Box Mount 33	 Interchangeable 1-Device Vertical 35
Interchangeable 1-Device Horizontal 37	 Interchangeable 2-Device 39	Interchangeable 3-Device 41	 2.465" dia. Hole 2-Gang Only** 47	0.880" dia. Hole for Keylock Switch**. Tamper-Resistant Screws and Screwdriver included w/ Keylock configurations. Stainless Steel only. For 1-gang, order 84071-40. 49	

Enter the code number for the configurations you select in the center box on each desired wallplate position on the Custom Wallplate Order Form.
*3-Gang minimum
**2-Gang minimum

How to Fill Out the Custom Wallplate Order Form (continued)

STEP 5: SELECT THE WALLPLATE COLOR

For painted metal, select one of the following colors and enter its color code in the space marked "COLOR CODE" on the order form:

COLOR	WALLPLATE COLOR CODE
Almond	PA
Black	PE
Brown	PB
Gray	PG
Ivory	PI
Orange	PO
Red	PR
White	PW

STEP 6: ENTER ENGRAVING INFORMATION

NOTE: WE CAN ENGRAVE NYLON AND PAINTED AND UNPAINTED METAL WALLPLATES. After completing steps 1-5:

6A) Type or clearly print the message(s) (i.e., TURN OFF) as you wish it to appear on the lines provided in the appropriate Grid box(es). **6B)** Select the size of the letters you desire for the wallplate message from the dimensions shown below and enter that size in the space marked "LETTER SIZE" on the Order Form. **6C)** Select the fill-in color for the message letter from the chart below and enter the code for the color chosen in the space marked "FILLER CODE."

FILLER COLOR CODES for Engraved Wallplates

COLOR	CODE
Black	XE
White	XW
Red	XR
No Filler	XX

LETTER SIZE GAUGE for Engraved Wallplates

1/8"	3/16"	1/4"	5/16"	3/8"
E	E	E	E	E

STEP 7: ENTER HOT STAMPING INFORMATION

NOTE: ONLY STANDARD NYLON WALLPLATES CAN BE HOT STAMPED. After completing steps 1-5:

7A) Select the message(s) desired from the Message Library below. Enter the message on the lines provided in the appropriate Grid box(es) where they should appear. The message will be stamped in 3/16"-high text.

HOT STAMPING MESSAGE LIBRARY FOR CUSTOM NYLON WALLPLATES

1. SHOWER	7. HEAT	13. ON	19. ISOLATED	25. EQUIP
2. VANITY	8. DATA	14. PROTECTED	20. GROUND	26. FLUORESCENT
3. VOICE	9. COMPUTER	15. OFF	21. CONDITIONED	27. OIL
4. ONLY	10. GFCI	16. OIL BURNER	22. CONDITIONED POWER	28. POWER
5. ISOLATED GROUND	11. SURGE	17. PC	23. CRITICAL	29. UPS
6. EMERGENCY	12. FAN	18. DEDICATED	24. ELEC.	

7B) Select the fill-in color for the message letter from the chart below and enter the code for the color chosen in the space marked "FILLER CODE."

COLOR	CODE
Black	XE
White	XW
Red	XR
No Filler	XX

To order nylon wallplates with custom hot stamped message, contact your Leviton salesman or customer service representative.

8) NOTE: Sequential engraving is available. Consult factory for ordering instructions.

How to Order Custom Wallplates

LEVITON

Custom Wallplate Order Form

Account No. _____ P.O. Box No. _____

BILL TO: **SHIP TO:**

_____ _____

_____ _____

_____ _____

_____ _____

CAT. NO._____MATERIAL CODE_____ QTY._____

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

COLOR CODE_____ ENGRAVED_____HOT STAMPED_____LETTER SIZE_____

FILLER CODE_____ PRICE_____

ENGRAVING INFORMATION (Please print per corresponding gang number.)

(1) ☐☐☐☐☐☐☐☐☐☐☐☐ (7) ☐☐☐☐☐☐☐☐☐☐☐☐

(2) ☐☐☐☐☐☐☐☐☐☐☐☐ (8) ☐☐☐☐☐☐☐☐☐☐☐☐

(3) ☐☐☐☐☐☐☐☐☐☐☐☐ (9) ☐☐☐☐☐☐☐☐☐☐☐☐

(4) ☐☐☐☐☐☐☐☐☐☐☐☐ (10) ☐☐☐☐☐☐☐☐☐☐☐☐

(5) ☐☐☐☐☐☐☐☐☐☐☐☐ (11) ☐☐☐☐☐☐☐☐☐☐☐☐

(6) ☐☐☐☐☐☐☐☐☐☐☐☐ (12) ☐☐☐☐☐☐☐☐☐☐☐☐

DESCRIPTION
(Use this space to add additional information that may be helpful.)

TERMS

- Please take care to complete your order carefully. Custom wallplates cannot be returned.
- Custom orders are shipped in three to four weeks.
- All engraving shall be centered within its corresponding gang unless specifically instructed to span across multiple gangs.
- All engravings on toggle configurations shall appear above the mounting screw holes unless specifically instructed otherwise.
- All engravings on GFCI/Decora configurations shall appear below the mounting screw hole unless specifically instructed otherwise.

R

SECTION

Resource & Technical Information

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RoHS

Concerning RoHS

The European Union (EU) enacted the Restriction of Hazardous Substances Directive (RoHS) effective July 1, 2006, applying it to electrical and electronic products and their component parts offered for sale in the European market (EU). Leviton Manufacturing Company, Inc. has already updated its equipment and internal processes to produce RoHS compliant products for our customers selling to the European Union (EU) market after the July 1, 2006 deadline based on availability of RoHS compliant components and raw materials from our suppliers. Leviton is making every effort to meet our customer's requirements for RoHS compliant products.

Leviton has prepared a list of frequently asked questions, FAQs, available from www.leviton.com. Select "About" from the top menu bar. Then select RoHS.

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

LIMITED 1 YEAR WARRANTY AND EXCLUSIONS

1 YEAR LIMITED WARRANTY

Leviton warrants to the original consumer purchaser and not for the benefit of anyone else that this product at the time of its sale by Leviton is free of defects in materials and workmanship and will remain free of such defects under normal and proper use for one year from the purchase date. Leviton's only obligation is to correct such defects by repair or replacement, at its option, if within such one year period the product is returned prepaid, with proof of purchase date, and a description of the problem to Leviton Manufacturing Co., Inc., Att: Quality Assurance Department, 59-25 Little Neck Parkway, Little Neck, New York 11362-2591. This warranty excludes and there is disclaimed liability for labor for removal of this product or reinstallation. This warranty is void if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused, or altered in any manner, or is not used under normal operating conditions or not in accordance with any labels or instructions. There are no other or implied warranties of any kind, including merchantability and fitness for a particular purpose, but if any implied warranty is required by the applicable jurisdiction, the duration of any such implied warranty, including merchantability and fitness for a particular purpose, is limited to one year. Leviton is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, lost sales or profits arising from delay or failure to perform this warranty obligation. The remedies provided herein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.

LIMITED 2 YEAR WARRANTY AND EXCLUSIONS

2 YEAR LIMITED WARRANTY

Leviton warrants to the original consumer purchaser and not for the benefit of anyone else that this product at the time of its sale by Leviton is free of defects in materials and workmanship and will remain free of such defects under normal and proper use for two years from the purchase date. Leviton's only obligation is to correct such defects by repair or replacement, at its option, if within such two year period the product is returned prepaid, with proof of purchase date, and a description of the problem to Leviton Manufacturing Co., Inc., Att: Quality Assurance Department, 59-25 Little Neck Parkway, Little Neck, New York 11362-2591. This warranty excludes and there is disclaimed liability for labor for removal of this product or reinstallation. This warranty is void if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused, or altered in any manner, or is not used under normal operating conditions or not in accordance with any labels or instructions. There are no other or implied warranties of any kind, including merchantability and fitness for a particular purpose, but if any implied warranty is required by the applicable jurisdiction, the duration of any such implied warranty, including merchantability and fitness for a particular purpose, is limited to two years. Leviton is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, lost sales or profits arising from delay or failure to perform this warranty obligation. The remedies provided herein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.

LIMITED 5 YEAR WARRANTY AND EXCLUSIONS

5 YEAR LIMITED WARRANTY

Leviton warrants to the original consumer purchaser and not for the benefit of anyone else that this product at the time of its sale by Leviton is free of defects in materials and workmanship and will remain free of such defects under normal and proper use for five years from the purchase date. Leviton's only obligation is to correct such defects by repair or replacement, at its option, if within such five year period the product is returned prepaid, with proof of purchase date, and a description of the problem to Leviton Manufacturing Co., Inc., Att: Quality Assurance Department, 59-25 Little Neck Parkway, Little Neck, New York 11362-2591. This warranty excludes and there is disclaimed liability for labor for removal of this product or reinstallation. This warranty is void if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused, or altered in any manner, or is not used under normal operating conditions or not in accordance with any labels or instructions. There are no other or implied warranties of any kind, including merchantability and fitness for a particular purpose, but if any implied warranty is required by the applicable jurisdiction, the duration of any such implied warranty, including merchantability and fitness for a particular purpose, is limited to five years. Leviton is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, lost sales or profits arising from delay or failure to perform this warranty obligation. The remedies provided herein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.

LIMITED 10 YEAR WARRANTY AND EXCLUSIONS

10 YEAR LIMITED WARRANTY

Leviton warrants to the original consumer purchaser and not for the benefit of anyone else that this product at the time of its sale by Leviton is free of defects in materials and workmanship and will remain free of such defects under normal and proper use for ten years from the purchase date. Leviton's only obligation is to correct such defects by repair or replacement, at its option, if within such ten year period the product is returned prepaid, with proof of purchase date, and a description of the problem to Leviton Manufacturing Co., Inc., Att: Quality Assurance Department, 59-25 Little Neck Parkway, Little Neck, New York 11362-2591. This warranty excludes and there is disclaimed liability for labor for removal of this product or reinstallation. This warranty is void if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused, or altered in any manner, or is not used under normal operating conditions or not in accordance with any labels or instructions. There are no other or implied warranties of any kind, including merchantability and fitness for a particular purpose, but if any implied warranty is required by the applicable jurisdiction, the duration of any such implied warranty, including merchantability and fitness for a particular purpose, is limited to ten years. Leviton is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, lost sales or profits arising from delay or failure to perform this warranty obligation. The remedies provided herein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.

LIFETIME WARRANTY AND EXCLUSIONS

LIFETIME WARRANTY

Leviton warrants to the original consumer purchaser and not for the benefit of anyone else that this product at the time of its sale by Leviton is free of defects in materials and workmanship and will remain free of such defects under normal and proper use during the lifetime of the product. Leviton's only obligation is to correct such defects by repair or replacement, at its option, if the product is returned prepaid, with proof of purchase date, and a description of the problem to Leviton Manufacturing Co., Inc., Att: Quality Assurance Department, 59-25 Little Neck Parkway, Little Neck, New York 11362-2591. This warranty excludes and there is disclaimed liability for labor for removal of this product or reinstallation. This warranty is void if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused, or altered in any manner, or is not used under normal operating conditions or not in accordance with any labels or instructions. There are no other or implied warranties of any kind, including merchantability and fitness for a particular purpose. Leviton is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, lost sales or profits arising from delay or failure to perform this warranty obligation. The remedies provided herein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.

Associations, Agencies and Standards

ANSI

American National Standards Institute, Inc.

11 West 42nd St., New York, NY 10036

An independent organization that identifies industrial and public requirements for national consensus standards and coordinates and manages their development, resolves national standards problems, and ensures effective participation in international standardization.

Various U.S. Government Agencies often adopt ANSI Standards. For example, the Department of Defense has made mandatory the use of ANSI Standard Y32.9-1972, "Graphic Symbols for Electrical Wiring and Layout Diagrams used in Architecture and Building Construction." Such Standards are often developed by specialized technical societies for ANSI. The Standard referred to above was prepared by the Institute of Electrical and Electronics Engineers (IEEE) and the American Society of Mechanical Engineers (ASME).

GSA

General Services Administration Federal Supply Service
Crystal Mall Bldg. 4, Washington, D.C. 20406

The U.S. Government administration responsible for the approval of Federal Specifications used in the purchase of products by all Federal Agencies.

The two most relevant Federal Specifications for Electrical Wiring Devices are:

W-C-596, for Electrical Power Connector, Plug, Receptacle and Cable Outlet

W-S-896, for Toggle and Lock, Flush Mounted Switches

Leviton devices that comply with these specifications, as verified by Underwriters Laboratories Inc., are also listed in this catalog.

NEC

National Electrical Code
Published by the NFPA (see listing)

The purpose of the Code is the practical safeguarding of persons and property from hazards arising from the use of electricity. This Code is sponsored by NFPA under the auspices of ANSI. It is revised every three years. OSHA (see listing) has adopted the NEC as the code to follow in order to comply with OSHA requirements.

NEMA

National Electrical Manufacturers Association
2101 L St. NW, Washington, D.C. 20003

An organization of electrical manufacturers that establishes standards for manufacture and tests for performance and reliability of electrical products. NEMA tests are often the basis or prerequisite for approval by the Federal Government and/or by Underwriter's Laboratories, Inc.

NFPA

National Fire Protection Association
Battery March Park, Quincy, MA 02269

An organization devoted to promoting the science and improving the methods of Fire Protection. Membership is open to anyone interested. Every three years, the NFPA produces a new edition of the NEC (see listing). The NFPA also provides many other useful publications dealing with fire prevention.

OSHA

Occupational Safety and Health Administration
(U.S. Department of Labor), 200 Constitution Ave. NW.
Washington D.C. 20210 (plus regional offices)

That part of the U.S. Department of Labor responsible for assuring that employers provide safe and healthful working conditions and equipment for employees, and that employees properly avail themselves of these conditions.

In addition to specific regulations published in the Federal Register, OSHA has also adopted the National Electrical Code in part for existing installations and equipment and completely for new construction.

Note: OSHA does not approve products. Compliance with OSHA regulations is contingent on two factors: The approval or listing of the product by an authorized testing laboratory, such as UL (see listing), and the proper installation and/or use of the product in accordance with OSHA guidelines.

UL

Underwriters Laboratories Inc.
Northbrook, IL; Melville, NY; Santa Clara, CA

"An independent, not-for-profit organization testing for public safety." Tests by UL are the basis for acceptance by various government agencies. Listing by UL denotes initial testing and periodic retesting to assure continuing conformance to standards.

NOM

Norma Official Mexicana
(Mexican Official Standard) SECOFI
Avenida Puent de Tecamachalco #6
Col. Lomas de Tecamachalco 53950
Naucalpan, Edomex Mexico

Agency Standards

NEMA WD-6

NEMA WD-6: Wiring Devices -- Dimensional Specifications assists the user in selecting the proper product for a particular need and minimizes the possibility of unsafe interchangeability between configurations and devices. This Standard was approved by the American National Standards Institute and superseded ANSI Standard C73.

NEMA WD-1

NEMA WD-1: General Color Requirements for Wiring Devices defines color designations for plastic molding compounds for the purpose of standardizing colors. Previously, WD-1 contained dimensional requirements for wiring devices (now specified in WD-6) and performance requirements (specified in UL Standards -- see below).

These NEMA Standards were developed and are periodically reviewed by the Wiring Devices Section of the National Electrical Manufacturers Association.

UL Standards

UL Standards define construction, performance, and marking requirements for wiring devices for use in accordance with the National Electrical Code. Generally, these UL Standards include requirements for electrical spacings, plastic and metal material characteristics, electrical performance, mechanical performance, environmental performance (where applicable), product markings, and installation instructions. Examples of Standards are as follows:

- UL 498: Attachment Plugs and Receptacles
- UL 20: General-Use Snap Switches
- UL 514D: Cover Plates for Flush-Mounted Wiring Devices
- UL 1682: Plugs, Receptacles, and Cable Connectors of the Pin and Sleeve Type
- UL 50: Enclosures for Electrical Equipment
- UL 943: Ground-Fault Circuit Interrupters
- UL 1449: Transient Voltage Surge Suppressors

Products covered by UL Standards are regularly checked and tested by Underwriters Laboratories' Follow-Up Services.

CSA Standards

CSA Standards define construction, performance, and marking requirements for wiring devices for use in accordance with the Canadian Electrical Code, Part 1. These Standards are similar to those of UL, so I will not give examples here.

Products covered by CSA Standards are regularly checked and tested by the Canadian Standards Association's Factory Audit Program.

In general, Leviton's wiring devices comply with the applicable Standards. Any exceptions are indicated in our product catalogs (non-NEMA locking devices, for example; configurations are not listed in NEMA WD 6, but products do meet the requirements of UL 498).

Associations, Organizations and Standards

The following listings define the common acronyms used for a variety of organizations.

Standards Development Organizations

Primarily involved in the development and/or promulgation of standards

NFPA	National Fire Protection Agency
IEC	International Electrotechnical Commission
IEEE	Institute of Electrical and Electronics Engineers
ANSI	American National Standards Institute
CANENA	Consejo de Armonizacion de Normas Electrotecnicas de Norte America (Council for Harmonization of Electrotechnical Standardization of North America)
SAE	Society of Automotive Engineers
ISA	Instrument Society of America
SME	Society of Manufacturing Engineers
ISO	International Standards Organization
ASME	American Society of Mechanical Engineers

Codes and Standards

Installation codes and product safety, performance and interchangeability standards.

NEC	National Electrical Code
NOM	Normas Oficiales de Mexicanas (Official Mexican Standard)
NMX	Normas Mexicanas
CEC	Canadian Electrical Code
CEE	European Electrotechnical Committee

Industry Associations

For the purpose of standardization, trade, and professional development, etc.

NMDA	National Marine Distributor Association
NEMA	National Electrical Manufacturers Association
ABYC	American Boat and Yacht Council
EIA/TIA	Electronics Industry Association/Telecommunications Industry Association
NAED	National Association of Electrical Distributors
NAW	National Association of Wholesalers
BICISI	Building Industry Consulting Services International
IBI	Intelligent Building Institute
EPRI	Electric Power Research Institute
NEMRA	National Electrical Manufacturers Representative Association
IAEI	International Association of Electrical Inspectors
IFMA	International Facilities Management Association
BOMA	Building Owners Management Association
SEMI	Semi-Conductor Equipment and Material International
CEMRA	Canadian Electrical Manufacturers Representatives Association
NMRA	National Marine Representative Association
EFI	Electro-Federation Incorporated
NECA	National Electrical Contractors Association
IECA	Independent Electrical Contractors Association
ECOC	Electrical Contractors of Canada
CANAME	Camara Nacional de Manufacturas Electricas (Mexico)

Certification Agencies

Primarily involved in certification of products or manufacturers to standards developed by the certification agency or by others.

UL	Underwriters Laboratories Inc.
CSA	Canadian Standards Association
ANCE	National Association of Normalization and Certification of the Electrical Sector (Mexico)
TUV	TUV Rheinland of N.A., Inc.
VDE	Verband Deutscher Elektrotechniker (Germany)
BSI	British Standards Institute
FM	Factory Manual
NRTL	National Recognized Testing Laboratories
OSHA	Occupational Safety and Health Administration
FCC	Federal Communications Commission
DESC	Defense Electronic Supply Center
IAPA	Independent Accident and Protection Association (Canada)
CE	European Compliance (This is not a certification agency, but CE is the European Compliance Mark)
ETL	ETL Testing Laboratories

European Agencies: IEC and CEE

The IEC

The IEC is the International Electrotechnical Commission. Formed in 1906, it is a worldwide organization primarily involved in the international standardization of electrical standards and equipment. As of 1994, 48 countries are represented in the IEC. IEC member countries produce and consume the majority of the world's electrical energy. They also manufacture and use the majority of the world's electrical products.

The IEC works towards standardization of the following areas:

- Universal technical language; including definitions, and electrical symbols
- Systems for ratings, testing requirements and methods of testing
- Electrical system characteristics; including voltages, frequencies and tolerances
- Dimensional requirements and tolerances
- Universal electrical safety requirements

The CEE

The CEE is the European Electrotechnical Committee. The CEE works on safety standards, definitions for conformity and certifications for electrical equipment. Cooperation between the CEE and the IEC has led to worldwide publications for standards pertaining to electrical equipment.

Certification Agencies and Markings

Certification marks indicate that a product has been tested to the requirements of a specific certification agency. In some cases, a manufacturer chooses to identify a product in a particular way even though no outside certification agency is involved (i.e. Specification Grade). The following table illustrates the variety of certification markings typically used for 15A and 20A Straight Blade Receptacles. Understanding these marks permits the user or specifier to make meaningful product selections.

Typical Product Certification Marks — 15 & 20 Amp Straight Blade Receptacles. Products with these markings must meet the specific testing standards indicated.

Certification Mark	UL498	CSA, C22.2, No. 42M	UL 498 Hospital Grade	CSA, C22.2, No. 42M, Hosp. Grade	DESC W-C-596F	Certification Agency
Spec Grade*	No Product Testing Required — Manufacturer's Term Only					Manufacturer Only
	X					Underwriters Laboratories Inc. Recognized Component for OEM use.
	X					Underwriters Laboratories Inc.
		X				Canadian Standards Association
• Hospital Grade	X		X			Underwriters Laboratories Inc.
• Hospital Grade		X		X		Canadian Standards Association
Fed. Spec	X				X	Underwriters Laboratories Inc. and Defense Electronic Supply Center
Fed. Spec • Hospital Grade	X		X		X	Underwriters Laboratories Inc. and Defense Electronic Supply Center

*Includes variations such as Industrial Spec. Grade, Premium Spec. Grade, etc.

Cross References

The cross reference guides supplied by some manufacturers are convenient for determining compatible devices by rating and configuration. However, these cross reference guides are not official confirmation of compliance to any standard or testing criteria. This can only be determined by the certification marks which verifies that a product has been tested to the specific requirements of a certification agency. Also note that common catalog numbers are often used by different manufacturers for selection convenience. This is done solely at the discretion of the manufacturer and in no way implies compliance to any standard or testing criteria.

National Electrical Code Requirements for Wiring Devices

National Electrical Code NFPA No. 70-1996 (Selected Articles)

Article 90 — Introduction

Article 100 — Definitions

Article 110 — Requirements for Electrical Installations

110-18	Arcing Parts
110-21	Marking

Article 200 — Use and Identification of Grounded Conductors

200-9	Means of Identification of Terminals
200-10	Identification of Terminals

Article 210 — Branch Circuits

210-4	Multiwire Branch Circuits
210-6	Branch Circuit Voltage Limitations
210-7	Receptacles and Cord Connectors
210-8	Ground Fault Protection for Personnel
210-21	Outlet Devices
210-24	Branch Circuit Requirements
210-50	Required Outlets, General
210-52	Dwelling Unit Receptacle Outlets
210-60	Guest Rooms
210-63	Rooftop Heating, Air Conditioning and Refrigeration Equipment Outlet
210-70	Lighting Outlets Required

Article 220 — Branch Circuit, Feeder and Service Calculations

220-4	Branch Circuits Required

Article 250 — Grounding

250-45	Equipment Connected by Cord and Plug
250-50	Equipment Grounding Conductor Connections
250-51	Effective Grounding Path
250-59	Cord and Plug Connected Equipment
250-74	Connecting Receptacle Grounding Terminal to Box

Article 310 — Conductors for General Wiring

310-15	Ampacities

Article 380 — Switches

380-1	Scope
380-2	Switch Connections
380-8	Accessibility and Grouping
380-9	Faceplates for Flush-Mounted Snap Switches
380-14	Rating and Use of Snap Switches
380-15	Marking

Article 410 — Lighting Fixtures, Lampholders, Lamps, Receptacles

410-29	Cord-Connected Showcases
410-56	Receptacles, Cord Connectors and Attachment Plugs
410-57	Receptacles in Damp or Wet Locations
410-58	Grounding-Type Receptacles, Adapters, Cord Connectors and Attachment Plugs

Article 422 — Appliances

422-22	Disconnection of Cord- and Plug-Connected Appliances

Article 511 — Commercial Garages, Repair and Storage

511-10	Ground Fault Circuit Interrupter Protection for Personnel

Article 517 — Health Care Facilities

517-3	Definitions
517-12	Wiring Methods
517-13	Grounding of Receptacles and Fixed Electric Equipment
517-16	Receptacles with Insulated Grounding Terminals
517-18	General Care Areas
517-19	Critical Care Areas
517-19(e)	Additional Protective Techniques
517-20	Wet Locations
517-21	Ground Fault Circuit Interrupter Protection for Personnel
517-31	Emergency System
517-44	Sources of Power
517-61	Wiring and Equipment (a) Within Hazardous (Classified) Anesthetizing Locations (b) Above Hazardous (Classified) Anesthetizing Locations (c) Other-Than-Hazardous (Classified) Anesthetizing Locations
517-62	Grounding
517-64	Low-Voltage Equipment and Instruments

Article 518 — Places of Assembly

518-3(b)	Temporary Wiring Receptacles

Article 550 — Mobile Homes and Mobile Home Parks

550-5(c)	Attachment Plug Cap
550-8	Receptacle Outlets

Article 555 — Marinas and Boatyards

555-3	Receptacles
555-7	Grounding

Article 625 — Electrical Vehicle Charging System Equipment

625-22	(New Article) GFCI Protection for Cord- and Plug-Connected Electric Vehicle Supply Equipment

Article 680 — Swimming Pools, Fountains and Similar Installations

680-4	Definitions
680-5	Transformers and Ground Fault Circuit Interrupters
680-6(a)	Receptacles
680-6(b)	Lighting Fixtures, Lighting Outlets, Switching Devices and Ceiling Fans
680-7	Cord- and Plug-Connected Equipment
680-40	Outdoor Installations
680-41	Indoor Installations
680-51	Lighting Fixtures, Submersible Pumps and Other Submersible Equipment
680-62	Cord- and Plug-Connected Equipment
680-62	Therapeutic Tubs (Hydrotherapeutic Tanks)
680-62(a)	Ground Fault Circuit Interrupter
680-62(c)	Methods of Bonding

UL, CSA and NEMA Standards Pertaining to Leviton Devices

UL Standards Pertaining to Leviton Devices

UL20	General-use switches
UL50	Enclosures for electrical equipment
UL94	Flammability testing for materials
UL486E	Equipment and wiring terminals
UL498	Plugs, connectors, receptacles, inlets, outlets, taps and adapters
UL508	Industrial equipment (including motor control switches)
UL514A	Metallic boxes/covers/wallplates
UL514C	Non-metallic boxes/covers/wallplates
UL817	Cordsets
UL943	GFCI's
UL1363	Temporary power taps
UL1436	Outlet circuit testers
UL1449	Surge suppression devices
UL1567	Switches and receptacles used with AL wire
UL1682 & 1686	Pin & Sleeve devices
UL1776	High-pressure cleaning equipment
FS WC596F	Federal Spec receptacles
FS WS896	Federal Spec switches

Note: Straight blade and locking NEMA configurations are defined by UL 1681 and NEMA WD 6.

Each UL standard consists of requirements that cover three characteristics of the product being reviewed:

1. Construction	Material properties and general design
2. Performance	Mechanical and electrical testing
3. Markings	Identification of manufacturer, applicable ratings, etc.

CSA Standards Pertaining to Leviton Devices

C22.2, No. 0.17	Polymeric materials
C22.2, No. 42	General-use receptacles, attachment plugs
C22.2, No. 55	Special-use switches
C22.2, No. 111	General-use switches
C22.2, No. 182.1	Industrial-type, special-use attachment plugs, receptacles and connectors. Pin and sleeve devices
C22.2, No. 182.2	Industrial locking type

NEMA Standards Pertaining To Leviton Devices — In Accordance With NEMA Standard WD–1

WD 1-1.01 CORD CONNECTOR

A cord connector is a portable receptacle which is provided with means for attachment to a flexible cord and which is not intended for permanent mounting.

NEMA Standard 7-13-1967

WD 1-1.02 GROUNDED CONDUCTOR (SYSTEM GROUND)

A grounded conductor is a circuit conductor (normally current carrying) which is intentionally connected to earth ground. (It is identified as the white conductor.)

NEMA Standard 7-13-1967

WD 1-1.03 GROUNDING CONDUCTOR (EQUIPMENT GROUND)

A grounding conductor is a conductor which connects noncurrent-carrying metal parts of equipment to earth ground to provide an intentional path for fault current to ground (It is bare, or, when covered, is identified as the green or green with yellow stripes conductor.)

NEMA Standard 7-13-1967

WD 1-1.04 LAMPHOLDER

A lampholder is a device which is intended to support an electric lamp mechanically and to connect it electrically to a circuit.

NEMA Standard 7-13-1967

WD 1-1.05 MALE BASE (INLET)

A male base is a plug which is intended for flush or surface mounting on an appliance or equipment and which serves to connect utilization equipment to a connector.

NEMA Standard 7-13-1967

WD 1-1.06 OUTLET

A outlet is a point on the wiring system at which current is taken to supply utilization equipment.

NEMA Standard 7-13-1967

WD 1-1.07 PLUG

A plug is a device with male blades which, when inserted into a receptacle, establishes connection between the conductors of the attached flexible cord and the conductors connected to the receptacle.

NEMA Standard 7-1-1967

WD 1-1.08 POLARIZATION (PLUGS AND RECEPTACLES)

Polarization is a means of assuring the mating of plugs and receptacles of the same rating in only the correct position.

NEMA Standard 7-1-1967

WD 1-1.09 POLE

The term "pole" as used in designating plugs and receptacles refers to a terminal to which a circuit conductor (normally current carrying) is connected.

In switches, the number of poles indicates the number or conductors being controlled.

NEMA Standard 7-1-1967

WD 1-1.10 RECEPTACLE

A receptacle is a device with female contacts which is primarily installed at an outlet or on equipment and which is intended to establish electrical connection with an inserted plug.

NEMA Standard 7-1-1967

WD 1-1.11 SLANT SYMBOL (/)

The "slant" line (/) as used in wiring device ratings indicates that two or more voltage potentials are present simultaneously between different terminals of a wiring device.

NEMA Standard 7-1-1967

WD 1-1.12 SWITCH

A switch is a device for making, breaking, or changing the connections in an electric circuit.

A. Single-pole Switch (Single-pole, Single-throw)

A switch which makes or breaks the connection of one conductor.

B. Double-pole Switch (Double-pole, Single-throw)

A switch which makes or breaks the connection of two conductors of a single branch circuit.

C. Three-way Switch (Single-pole, Double-throw)

A switch which changes the connection of one conductor and which is normally used in pairs to control one utilization equipment from two locations.

D. Four-way Switch (Double-pole, Double-throw Reversing)

A form of double-pole switch which is used in conjunction with two three-way switches to control one utilization equipment from three or more locations.

NEMA Standard 7-13-1967

WD 1-1.13 TERMINAL (ON A WIRING DEVICE)

A terminal is a fixed location on a wiring device where a conductor is intended to be connected.

NEMA Standard 7-13-1967

WD 1-1.14 WIRE (PLUGS AND RECEPTACLES)

The term "wire" as used in designating plugs and receptacles indicates the number or either normally current-carrying or equipment grounding connected conductors.

NEMA Standard 7-13-1967

Enclosure Type Designations

Enclosures serve the dual purpose of protecting personnel from incidental contact with the enclosed electrical equipment and protecting the enclosed equipment against specified environmental conditions. Enclosures are rated for use in specific environmental conditions by NEMA, UL, CSA and the IEC. The major rating systems used are the NEMA Type Numbers and the IEC Enclosure Classification Designation.

The IEC Enclosure Classification Designation — IP Suitability Ratings

The IP Suitability Ratings are a system for classifying the degree of protection provided by enclosures of electrical equipment. The higher the number in the rating, the greater the degree of protection provided by the enclosure. Note that the rating will ONLY apply to properly installed equipment. The chart below defines the numerals in the IP Code.

1. The First Numeral indicates the degree of protection for persons against access to hazardous parts inside the enclosure and/or against the ingress of solid foreign objects
2. The Second Numeral indicates the degree of protection of equipment inside enclosures against damage from the ingress of water.

ELEMENTS OF THE IP CODE

	Meaning for the Protection of Equipment	
Code Letters	**First Number**	**Second Number**
Ingress Protection	**Against Ingress of Solid Foreign Objects**	**Against Ingress of Water with Harmful Effects**
IP	0 – Non protected	0 – Non protected
	1 – ≥ 50 mm diameter	1 – Vertically dripping
	2 – ≥ 12.5 mm diameter	2 – Dripping (15 °tilted)
	3 – ≥ 2.5 mm diameter	3 – Spraying
	4 – ≥1.0 mm	4 – Splashing
	5 – Dust-protected	5 – Jetting
	6 – Dust-tight	6 – Power jetting
		7 – Temporary immersion
		8 – Continuous immersion

Note: ≥ denotes greater than or equal to.

Example: IP 54 Suitability Rating = Ingress Protection/Dust-protected/Splashing

Enclosure Types for Non-Hazardous Locations

NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION

NEMA Standards Publication No. 250-1991
Enclosures for Electrical Equipment (1000 Volts max.)

Type Designation	Intended Use and Description
	An enclosure is a surrounding case constructed to provide a degree of protection to personnel against incidental contact with the enclosed equipment and to provide a degree of protection to enclosed equipment against the specified environmental conditions.
Type 1	Enclosures are intended for indoor use primarily to provide a degree of protection against limited amounts of falling dirt.
Type 2	Enclosures are intended for indoor use primarily to provide a degree of protection against limited amounts of falling water or dirt.
Type 3	Enclosures are intended for outdoor use primarily to provide a degree of protection against rain, sleet, windblown dust, and damage from external ice formation.

UNDERWRITERS LABORATORIES INC.

UL50
Standard for Enclosures for Electrical Equipment (10th Edition)

Type Designation	Intended Use and Description
	Enclosure — A surrounding case constructed to provide a degree of protection against incidental contact with the enclosed equipment and to provide a degree of protection to the enclosed equipment against specified environmental conditions. A complete enclosure shall be provided for all live parts that may be housed in it. The enclosure shall be tight and, unless designed for a specific installation, such as a cast metal junction or pull box intended to be installed in poured concrete, shall be provided with means for mounting.
Type 1	Indoor use primarily to provide a degree of protection against limited amounts of falling dirt.
Type 2	Indoor use primarily to provide a degree of protection against limited amounts of falling water or dirt.
Type 3	Outdoor use primarily to provide a degree of protection against rain, sleet, windblown dust and damage from external ice formation.

CANADIAN STANDARDS ASSOCIATION

CAN/ CSA C22.2 No. 94-M91
Special Purposes Enclosures

Type Designation	Intended Use and Description
	Enclosures — provide a degree of protection against accidental contact with the enclosed equipment, and to the enclosed equipment against specified environmental conditions
	No CSA equivalent.
Type 2	An enclosure for indoor use, constructed so as to provide a degree of protection against dripping and light splashing of non-corrosive liquids, and falling dirt.
Type 3	An enclosure for either indoor or outdoor use, constructed so as to provide a degree of protection against rain and snow, undamaged by the external formation of ice on the enclosures.

Enclosure Types for Non-Hazardous Locations

NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION

NEMA Standards Publication No. 250-1991
Enclosures for Electrical Equipment (1000 Volts max.)

Type Designation	Intended Use and Description
Type 3R	Enclosures are intended for outdoor use primarily to provide a degree of protection against rain, sleet, and damage from external ice formation.
Type 3S	Enclosures are intended for outdoor use primarily to provide a degree of protection against rain, sleet, windblown dust, and to provide for operation of external mechanisms when ice laden.
Type 4	Enclosures are intended for indoor or outdoor use primarily to provide a degree of protection against windblown dust and rain, splashing water, hose-directed water, and damage from external ice formation.
Type 4X	Enclosures are intended for indoor or outdoor use primarily to provide a degree of protection against corrosion, windblown dust and rain, splashing water, hose directed water, and damage from external ice formation.
Type 5	Enclosures are intended for indoor use primarily to provide a degree of protection against settling airborne dust, falling dirt, and dripping non-corrosive liquids.
Type 6	Enclosures are intended for indoor or outdoor use primarily to provide a degree of protection against hose-directed water, the entry of water during occasional temporary submersion at a limited depth, and damage from external ice formation.
Type 6P	Enclosures are intended for indoor or outdoor use primarily to provide a degree of protection against hose-directed water, the entry of water during prolonged submersion at a limited depth, and damage from external ice formation.
Type 12	Enclosures are intended for indoor use primarily to provide a degree of protection against circulating dust, falling dirt, and dripping non-corrosive liquids.
Type 12K	Enclosures with knockouts are intended for indoor use primarily to provide a degree of protection against circulating dust, falling dirt, and dripping non-corrosive liquids.
Type 13	Enclosures are intended for indoor use primarily to provide a degree of protection against dust, spraying of water, oil, and non-corrosive coolants.

UNDERWRITERS LABORATORIES INC.

UL50
Standard for Enclosures for Electrical Equipment (10th Edition)

Type Designation	Intended Use and Description
Type 3R	Outdoor use primarily to provide a degree of protection against rain, sleet, and damage from external ice formation.
Type 3S	Outdoor use primarily to provide a degree of protection against rain, sleet, windblown dust, and to provide for operation of external mechanisms when ice laden.
Type 4	Indoor or outdoor use primarily to provide a degree of protection against windblown dust and rain, splashing water, hose-directed water, and damage from external ice formation.
Type 4X	Indoor or outdoor use primarily to provide a degree of protection against corrosion, windblown dust and rain, splashing water, hose-directed water and damage from external ice formation.
Type 5	Indoor use primarily to provide a degree of protection against settling airborne dust, falling dirt, and dripping non-corrosive liquids.
Type 6	Indoor or outdoor use primarily to provide a degree of protection against hose-directed water, the entry of water during occasional temporary submersion at a limited depth, and damage from external ice formation.
Type 6P	Indoor or outdoor use primarily to provide a degree of protection against hose-directed water, the entry of water during prolonged submersion at a limited depth, and damage from external ice formation.
Type 12	Indoor use primarily to provide a degree of protection against circulating dust, falling dirt, and dripping non-corrosive liquids.
Type 12K	Indoor use primarily to provide a degree of protection against circulating dust, falling dirt, and dripping non-corrosive liquids.
Type 13	Indoor use primarily to provide a degree of protection against dust, spraying of water, oil, and non-corrosive coolant.

CANADIAN STANDARDS ASSOCIATION

CAN/ CSA C22.2 No. 94-M91
Special Purposes Enclosures

Type Designation	Intended Use and Description
Type 3R	An enclosure for either indoor or outdoor use, constructed so as to provide a degree of protection against rain and snow, undamaged by the external formation of ice on the enclosure.
Type 3S	An enclosure for either indoor or outdoor use, constructed so as to provide a degree of protection against rain, snow and windblown dust, the external mechanism(s) remain operable while ice covered.
Type 4	An enclosure for either indoor or outdoor use, constructed so as to provide a degree of protection against rain, snow, windblown dust, splashing and hose-directed water; undamaged by the external formation of ice on the enclosure.
Type 4X	An enclosure for either indoor or outdoor use, constructed so as to provide a degree of protection against rain, snow, windblown dust, splashing and hose-directed water; undamaged by the external formation of ice on the enclosure.
Type 5	An enclosure for indoor use, constructed so as to provide a degree of protection against dripping and light splashing of non-corrosive liquids and settling dust, lint, fibers, and flyings.
Type 6	An enclosure for either indoor or outdoor use, constructed so as to provide a degree of protection against the entry of water during occasional temporary submersion at a limited depth; undamaged by the external formation of ice on the enclosure.
Type 6P	An enclosure for either indoor or outdoor use, constructed so as to provide a degree of protection against the entry of water during prolonged submersion at a limited depth; undamaged by the external formation of ice on the enclosure; resists extended corrosion.
Type 12	An enclosure for indoor use, constructed so as to provide a degree of protection against circulating dust, lint, fibers, and flyings; dripping and light splashing of non-corrosive liquids; not provided with knockouts.
Type 12K	An enclosure for indoor use, constructed so as to provide a degree of protection against circulating dust, lint, fibers, and flyings; dripping and light splashing of non-corrosive liquids; and provided with knockouts.
Type 13	An enclosure for indoor use, constructed so as to provide a degree of protection against circulating dust, lint, fibers, and flyings; seepage and spraying of non-corrosive liquids including oils and coolants.

Materials Used in Wiring Devices

The following is an overview of the materials commonly used in wiring devices. Note that specific brand names of materials used in Leviton devices are subject to change due to a variety of factors. These changes will never compromise the quality, performance and durability features of our wiring devices. Leviton is committed to maintaining the positive qualities of the materials being replaced and choosing new materials with superior qualities as they become available.

Brass

The type of brass commonly used in wiring devices is referred to as standard or "70/30" brass. It is an alloy of 70% copper and 30% zinc that provides the strength and conductivity needed for power and ground contacts, wiring terminals and terminal screws. It is also used for some mounting straps and wallplates.

The Olin Corporation offers a series of alloys sometimes referred to as High Performance Brass or "Olin Brass." Olin brass is a copper alloy consisting of more than 90% copper. It is more resilient than 70/30 brass and used by Leviton to form the power contacts in some Industrial Grade and Hospital Grade devices.

Phosphor Bronze

Phosphor Bronze, an alloy of copper and tin, is superior in strength to 70/30 brass. The advantage of using phosphor bronze parts is that they can be thinner than comparable parts made of standard brass without any loss in strength. For example, Leviton uses a phosphor bronze alloy of 95% copper and 5% tin to form power contacts in some Industrial Grade receptacles. Phosphor bronze power contacts at .031" outperform brass power contacts of a thicker gauge.

Beryllium Copper

An alloy of copper and .5% beryllium is used to form some of the components in Leviton Industrial Grade devices. Beryllium Copper provides excellent strength, durability, electrical conductivity. It also retains its resiliency at elevated temperatures. These properties make Beryllium Copper ideal for the contact arm in heavy-duty switches.

Silver-Cadmium Oxide

Although pure silver is an excellent conductor (superior to copper), it cannot be used for switch contacts. Over time, arcing caused by actuation would weld the silver contacts together. Silver-cadmium oxide, an alloy of 90% silver and 10% cadmium oxide, is widely used by Leviton to form switch contacts. Microscopic particles of cadmium oxide in the silver will decompose due to the heat buildup, preventing the contacts from welding together.

Zinc-Plated Steel

In addition to being strong and durable, zinc-plated steel provides a higher degree of corrosion resistance than standard cold-rolled steel. Leviton uses zinc-plated steel mounting straps in many of their devices. Leviton also offers zinc-plated steel wallplates for power receptacles, available with either a brass or aluminum finish.

Nickel-Plated Metals

Nickel-plating adds a high degree of corrosion resistance to either brass or steel. All the metal parts in Leviton Corrosion Resistant devices (blades, contacts, terminals, mounting straps and screws) are nickel-plated for maximum corrosion resistance. In some cases, cupronickel screws are used, which provide a high degree of corrosion resistance.

Leviton uses an electroless nickel-plating process. The standard plating process uses an electrical charge to coat the metal with nickel. This can produce uneven results, leaving some areas of the metal more coated than others. The more effective electroless process involves submerging the metal in a chemical bath where salts decompose and deposit nickel on the metal substrate. Every surface of the metal is evenly coated. Leviton uses this electroless process to ensure that their Corrosion Resistant wiring devices provide maximum performance in extremely damp and corrosive environments.

Stainless Steel

Type 430 Standard Stainless Steel

Type 430 Stainless Steel is resistant to the corrosive effects of moisture. Leviton offers a wide selection of wallplates made from this material. Leviton's Raintight-While-In -Use Covers are supplied with stainless-steel mounting screws to help ensure a long service life in wet applications. Note that Type 430 Stainless Steel does have magnetic properties that may interfere with magnetic-sensitive equipment.

Type 302/304 Non-Magnetic Stainless Steel

Type 302/304 Non-Magnetic Stainless Steel is suitable for applications where sensitive equipment may be affected by magnetic material. For example, navigational equipment in marine applications and MRI equipment in health care environments are susceptible to magnetic interference. In addition to being non-magnetic, Type 302/304 Stainless Steel is more corrosion resistant than Type 430 Stainless Steel. Types 302 and 304 differ in composition, but there is virtually no difference between them in terms of non-magnetic and corrosion-resistant properties.

Leviton offers a complete selection of wallplates made of Type 302/304 Non-Magnetic Stainless Steel. These wallplates are ideal for any application where magnetic interference must be avoided. Leviton's Corrosion Resistant wiring devices feature non-magnetic stainless steel assembly screws to ensure their suitability in marine applications. For health care applications where non-magnetic devices are desired, Leviton's Corrosion Resistant devices should also be used.

CO/ALR Devices

Aluminum is used for residential wiring in Europe because it is a good conductor and considerably cheaper than copper. Houses with aluminum wiring were built in the United States, but the practice stopped at least twenty years ago. It was discovered that poor connections between aluminum wire and steel or brass terminal screws led to serious fires. There are still homes with aluminum wiring, and the National Electrical Code stipulates that only CO/ALR devices are to be used in these applications.

Aluminum wire tends to oxidize over time, and the oxide layer does not conduct electricity. This results in a poor connection with the wiring device terminal screws, particularly if they are steel. The connections gradually heat up to the point where fires are started inside the walls. For this reason, all standard wiring devices contain the warning, "For use with copper or copper-clad wire ONLY. Do not use with aluminum wire." The only exception to this are CO/ALR wiring devices.

Leviton offers a selection of CO/ALR devices for use with aluminum wire. In CO/ALR devices, the terminal screws are plating with the element Indium. Indium is an extremely soft metal that forms a gas-sealed connection with the aluminum wire, eliminating problems caused by oxidation.

Thermoset and Thermoplastic Material

There are significant benefits in using thermoplastics in wiring devices instead of thermosets. Each type of thermoplastic also has particular characteristics that may make it ideally suited for a specific application.

Thermosets

Thermoset components are manufactured by compression molding, where powdered material is molded by heat and pressure. Thermoset materials cannot be remolded. The major types of thermoset materials are Phenolic, Urea and Melamine. Phenolic is primarily used for dark colors, while Urea is used for lighter colors.

All thermoset materials provide dimensional stability when used in wiring devices. Phenolic is also a flame-resistant material. Thermosets do not provide a high degree of resistance to impacts, chemicals and solvents, and therefore they are not suitable for heavy-duty applications. Thermosets are not used in Leviton Industrial Grade devices. Urea is still widely used to manufacture wallplates.

Thermoplastics

Thermoplastic components are manufactured by injection molding where pellets of the material are heated to a liquid which can flow into a mold. Unlike thermosets, thermoplastics can be remolded. These materials are the preferred choice for heavy-duty applications because they provide superior resistance to impacts, chemicals and solvents compared to thermosets. The following is a list of the major types of thermoplastic materials, along with some well-known brand names.

- Nylon: Zytel® 101 Type 6,6 and Zytel Supertough ST 801 Type 6,6
- Polycarbonate: Lexan®, Calibre®, Makrolon®
- Polyester: Valox®, Rynite®
- ABS
- Acrylic
- Polypropylene

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Lexan® and Valox® are registered trademarks of the General Electric Co.

Calibre® is a registered trademark of the Dow Chemical Co.

Makrolon® is a registered trademark of Bayer, Inc.

Chemical Resistance of Materials Commonly Used in Wiring Devices

This chemical resistance code applies to general applications. Additional testing is performed to determine resistivity to chemicals in specific environments.

CHEMICALS	MATERIALS								
	NYLON	MELAMINE	PHENOLIC	UREA	POLYVINYL CHLORIDE	POLY-CARBONATE	RUBBER	POLYESTER	POLY-PROPYLENE
Acids	C	B	B	B	A	B	B	A	A
Alcohol	A	A	A	A	A	A	B	A	A
Caustic Bases	A	B	B	B	A	C	C	B	A
Gasoline	A	B	A	C	A	B	B	A	A
Grease	A	A	A	A	A	B	B	A	A
Kerosene	A	A	A	A	A	B	A	A	A
Oil	A	A	A	A	A	B	A	A	A
Solvents	A	A	A	A	C	C	C	B	B
Water	A	A	A	A	A	A	B	A	A

A – Completely resistant — Good to excellent for general use.
B – Resistance is fair to good — Recommended for limited service.
C – Slow attack. Not recommended for use.

Thermoplastic Enhancements

UV Stability

Thermoplastics provide varying degrees of UV (Ultraviolet Light) stability. For example, standard grade nylon will lose tensile strength and durability when exposed to sunlight and weathering. Discoloring will also occur. There are additives that will increase the UV stability of thermoplastics. UV Stabilized thermoplastics should be used when a device is intended for extensive outdoor use. For example, Leviton uses UV- stabilized Lexan in their Raintight-While-In-Use Cover, with excellent results.

Glass-Reinforced Thermoplastics

Several types of thermoplastics are available in glass-reinforced versions, including Rynite®, Lexan®, Valox® and nylon. Glass reinforcement increases the rigidity of the material and also raises the operating temperature. For example, Leviton Momentary and Maintained Contact Switches feature glass-reinforced thermoplastic construction, making these switches ideally suited for rugged applications.

Horsepower Ratings for NEMA Configurations for Straight Blade Plugs and Receptacles

NEMA	AC HP Rating	Rating
1-15	0.5	15A-125V
2-15	1.5*	15A-250V
2-20	2*	20A-250V
2-30	2*	30A-250V
5-15	0.5	15A-125V
5-20	1	20A-125V
5-30	2	30A-125V
5-50	2	50A-125V
6-15	1.5*	15A-250V
6-20	2*	20A-250V
6-30	2*	30A-250V
6-50	3*	50A-250V
7-15	2	15A-277V AC Only
7-20	2	20A-277V AC Only
7-30	3	30A-277 V AC Only
7-50	5	50A-277V AC Only
10-20	2 L-L*/1 L-N	20A-125/250V
10-30	2 L-L*/2 L-N	30A-125/250V
10-50	3 L-L*/2 L-N	50A-125/250V
11-15	2	15A-250V 3Ø

NEMA	AC HP Rating	Rating
11-20	3	20A-250V 3Ø
11-30	3	30A-250V 3Ø
11-50	7.5	50A-250V 3Ø
14-15	1.5 L-L*/0.5 L-N	15A-125/250V
14-20	2 L-L*/1 L-N	20A-125/250V
14-30	2 L-L*/2 L-N	30A-125/250V
14-50	3 L-L*/2 L-N	50A-125/250V
14-60	3 L-L*/2 L-N	60A-125/250V
15-15	2	15A-250V 3Ø
15-20	3	20A-250V 3Ø
15-30	3	30A-250V 3Ø
15-50	7.5	50A-250V 3Ø
15-60	10	60A-250V 3Ø
18-15	2	15A-120/208V 3ØY
18-20	2	20A-120/208V 3ØY
18-30	3	30A-120/208V 3ØY
18-50	7.5	50A-120/208V 3ØY
18-60	7.5	60A-120/208V 3ØY

L-L Denotes phase-to-phase HP rating
L-N Denotes phase-to-neutral HP rating
*Suitable for 208V motor applications at HP rating

ANSI Architectural Symbols

1. LIGHTING OUTLETS

	Ceiling	Wall
1.1	Surface or Pendant Incandescent, Mercury-Vapor, or Similar Lamp Fixture	
1.2	Recessed Incandescent, Mercury-Vapor, or Similar Lamp Fixture	
1.3	Surface or Pendant Individual Fluorescent Fixture	
1.4	Recessed Individual Fluorescent Fixture	
1.5	Surface or Pendant Continuous Row Fluorescent Fixture	
1.6	Recessed Continuous Row Fluorescent Fixture	
1.7	Bare-Lamp Fluorescent Strip	
1.8	Surface or Pendant Exit Light	
1.9	Recessed Exit Light	
1.10	Blanket Outlet	
1.11	Junction Box	
1.12	Outlet Controlled by Low-Voltage Switching when Relay is Installed in Outlet Box	

2. RECEPTACLE OUTLETS

	Grounded	Ungrounded
2.1	Single Receptacle Outlet	
2.2	Duplex Receptacle Outlet	
2.3	Triplex Receptacle Outlet	
2.4	Quadruplex Receptacle Outlet	
2.5	Duplex Receptacle Outlet — Split Wired	
2.6	Triplex Receptacle Outlet — Split Wired	
2.7	Single Special-Purpose Receptacle Outlet	
2.8	Duplex Special-Purpose Receptacle Outlet	
2.9	Range Outlet (typical)	
2.10	Special Purpose Connection or Provision for Connection	
2.11	Multi-outlet assembly	
2.12	Clock Hanger Receptacle	
2.13	Fan Hanger Receptacle	
2.14	Floor Single Receptacle Outlet	
2.15	Floor Duplex Receptacle Outlet	
2.16	Floor Special-Purpose Outlet	

3. SWITCH OUTLETS

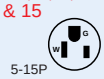
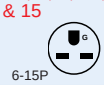
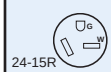
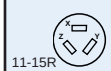
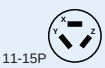
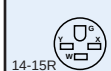
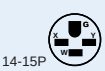
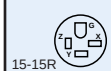
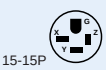
3.1	Single-Pole Switch **S**
3.2	Double-Pole Switch **S2**
3.3	Three-Way Switch **S3**
3.4	Four-Way Switch **S4**
3.5	Key-Operated Switch **SK**
3.6	Switch and Pilot Lamp **SP**
3.7	Switch for Low-Voltage switching System **SL**
3.8	Maser Switch for Low-Voltage Switching System **SLM**
3.9	Switch and Single Receptacle S
3.10	Switch and Double Receptacle S
3.11	Door Switch **SD**
3.12	Time Switch **ST**
3.13	Circuit Breaker Switch **SCB**
3.14	Momentary Contact Switch or Pushbutton for Other Than Signaling System **SMC**
3.15	Ceiling Pull Switch (S)

4. RESIDENTIAL OCCUPANCIES

4.1	Pushbutton
4.2	Buzzer
4.3	Bell
4.4	Combination Bell-Buzzer
4.5	Chime CH
4.6	Annunciator

NEMA Straight Blade Configurations

NEMA CONFIGURATIONS FOR GENERAL-PURPOSE STRAIGHT BLADE PLUGS AND RECEPTACLES

WIRING/VOLTAGE			15 AMPERE		20 AMPERE		30 AMPERE		50 AMPERE		60 AMPERE	
			RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG
2-POLE 2-WIRE	125V	1	C5 1-15R	1-15P								
	250V	2		2-15P	2-20R	2-20P	2-30R	2-30P				
	277V AC	3	RESERVED FOR FUTURE CONFIGURATIONS									
	600V	4	RESERVED FOR FUTURE CONFIGURATIONS									
2-POLE 3-WIRE GROUNDING	125V	5	C5, 7, 8, 12 & 15 5-15R	C5, 7, 8, 12 & 15  5-15P	C6, 7, 8, 13, & 15 5-20R	C6, 7, 8, 13, & 15 5-20P	C10 5-30R	C10 5-30P	C11 5-50R	C11 5-50P		
	250V	6	C5, 7, 8, 12, & 15 6-15R	C5, 7, 8, 12, & 15  6-15P	C6, 7, 8, 13, & 15 6-20R	C6, 7, 8, 13, & 15 6-20P	C10 6-30R	C10 6-30P	C11 6-50R	C11 6-50P		
	277V AC	7	7-15R	7-15P	7-20R	7-20P	C10 7-30R	C10 7-30P	C11 7-50R	C11 7-50P		
	347V AC	24	 24-15R	24-15P	24-20R	24-20P	24-30R	24-30P	24-50R	25-50P		
	480V AC	8	RESERVED FOR FUTURE CONFIGURATIONS									
	600V	9	RESERVED FOR FUTURE CONFIGURATIONS									
3-POLE 3-WIRE	125/250V	10			10-20R	C9 10-20P	C10 10-30R	C10 10-30P	C11 10-50R	C11 10-50P		
	3Ø 250V	11	 11-15R	 11-15P	11-20R	11-20P	11-30R	11-30P	11-50R	11-50P		
	3Ø 480V	12	RESERVED FOR FUTURE CONFIGURATIONS									
	3Ø 600V	13	RESERVED FOR FUTURE CONFIGURATIONS									
3-POLE 4-WIRE GROUNDING	125/250V	14	 14-15R	 14-15P	14-20R	14-20P	C10 14-30R	C10 14-30P	C11 14-50R	C11 14-50P	C11 14-60R	C11 14-60P
	3Ø 250V	15	 15-15R	 15-15P	15-20R	15-20P	C10 15-30R	C10 15-30P	C11 15-50R	C11 15-50P	C11 15-60R	C11 15-60P
	3Ø 480V	16	RESERVED FOR FUTURE CONFIGURATIONS									
	3Ø 600V	17	RESERVED FOR FUTURE CONFIGURATIONS									
4-POLE 4-WIRE	3ØY 120/208V	18	18-15R	18-15P	18-20R	C9 18-20P	C10 18-30R	C10 18-30P	C11 18-50R	C11 18-50P	C11 18-60R	C11 18-60P
	3ØY 277/480V	19	RESERVED FOR FUTURE CONFIGURATIONS									
	3ØY 347/600V	20	RESERVED FOR FUTURE CONFIGURATIONS									
4-POLE 5-WIRE GROUNDING	3ØY 120/208V	21	RESERVED FOR FUTURE CONFIGURATIONS									
	3ØY 277/480V	22	RESERVED FOR FUTURE CONFIGURATIONS									
	3ØY 347/600V	23										

Catalog page numbers appear in red.

To learn more about Leviton devices or for answers to technical questions call our Techline at 1-800-824-3005 or visit us at: www.leviton.com

NEMA Configurations for Locking Type Plugs and Receptacles

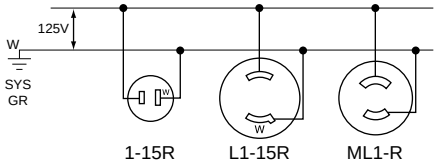
WIRING / VOLTAGE			RECEPTACLE	PLUG	RECEPTACLE	PLUG	RECEPTACLE	PLUG
2-POLE 2-WIRE	125V	L1	L1-15R	L1-15P				
	250V	L2			L2-20R	L2-20P		
	277V AC	L3			RESERVED FOR FUTURE CONFIGURATIONS			
	600V	L4			RESERVED FOR FUTURE CONFIGURATIONS			
2-POLE 3-WIRE GROUNDING	125V	L5	E5, E39, E40 L5-15R	E5, E40 L5-15P	E9 L5-20R	E9 L5-20P	E18 L5-30R	E18 L5-30P
	250V	L6	E6, E40 L6-15R	E6, E40 L6-15P	E9 L6-20R	E9 L6-20P	E18 L6-30R	E18 L6-30P
	277V AC	L7	E7 L7-15R	E7 L7-15P	E10 L7-20R	E10 L7-20P	E19 L7-30R	E19 L7-30P
	347V AC	L24			E10 L24-20R	E10 L24-20P		
	480V AC	L8			E11 L8-20R	E11 L8-20P	E19 L8-30R	E19 L8-30P
	600V AC	L9			E11 L9-20R	E11 L9-20P	E20 L9-30R	E20 L9-30P
3-POLE 3-WIRE	125/250V	L10			E12 L10-20R	E12 L10-20P	E20 L10-30R	E20 L10-30P
	3Ø 250V	L11	E8 L11-15R	E8 L11-15P	E10 L11-20R	E10 L11-20P	E21 L11-30R	E21 L11-30P
	3Ø 480V	L12			E13 L12-20R	E13 L12-20P	E21 L12-30R	E21 L12-30P
	3Ø 600V	L13					E21 L13-30R	E21 L13-30P
3-POLE 4-WIRE GROUNDING	125/250V	L14			E13 L14-20R	E13 L14-20P	E22 L14-30R	E22 L14-30P
	3Ø 250V	L15			E14 L15-20R	E14 L15-20P	E22 L15-30R	E22 L15-30P
	3Ø 480V	L16			E14 L16-20R	E14 L16-20P	E23 L16-30R	E23 L16-30P
	3Ø 600V	L17					E23 L17-30R	E23 L17-30P
4-POLE 4-WIRE	3ØY 120/208V	L18			E15 L18-20R	E15 L18-20P	E24 L18-30R	E24 L18-30P
	3ØY 277/480V	L19			E15 L19-20R	E15 L19-20P	E24 L19-30R	E24 L19-30P
	3ØY 347/600V	L20			E16 L20-20R	E16 L20-20P	E25 L20-30R	E25 L20-30P
4-POLE 5-WIRE GROUNDING	3ØY 120/208V	L21			E16 L21-20R	E16 L21-20P	E25 L21-30R	E25 L21-30P
	3ØY 277/480V	L22			E17 L22-20R	E17 L22-20P	E26 L22-30R	E26 L22-30P
	3ØY 347/600V	L23			E17 L23-20R	E17 L23-20P	E26 L23-30R	E26 L23-30P

NON-NEMA configurations, pages E27-E29, E37
50 AMP NON-NEMA, pages E30-E35
All Black NEMA devices, page E36

Circuit Wiring Diagrams

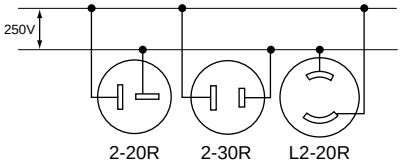
WIRING DIAGRAMS FOR NEMA CONFIGURATIONS

125V — 2-POLE, 2-WIRE



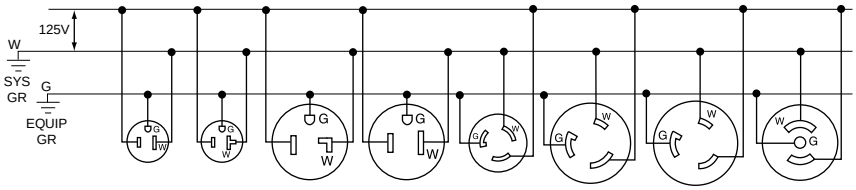
1-15R L1-15R ML1-R

250V — 2-POLE, 2-WIRE



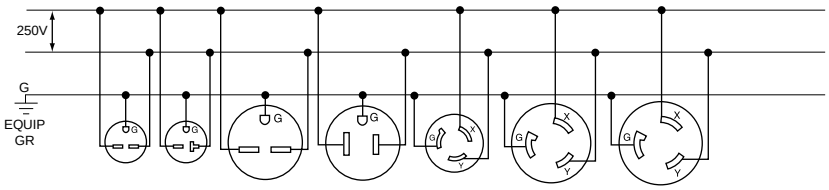
2-20R 2-30R L2-20R

125V — 2-POLE, 3-WIRE GROUNDING



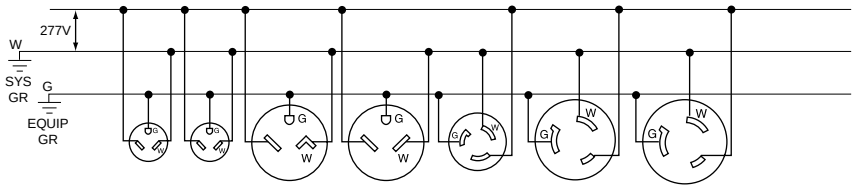
5-15R 5-20R 5-30R 5-50R L5-15R L5-20R L5-30R ML2-R

250V — 2-POLE, 3-WIRE GROUNDING



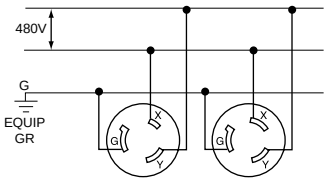
6-15R 6-20R 6-30R 6-50R L6-15R L6-20R L6-30R

277V AC — 2-POLE, 3-WIRE GROUNDING



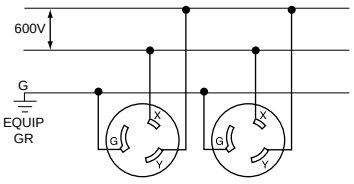
7-15R 7-20R 7-30R 7-50R L7-15R L7-20R L7-30R

480V AC — 2-POLE, 3-WIRE GROUNDING



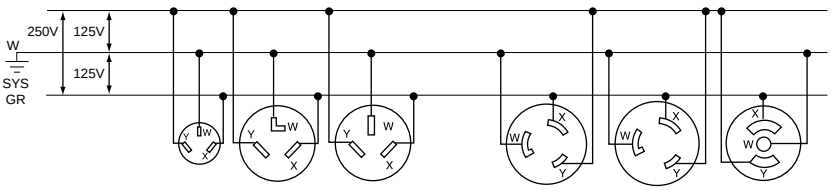
L8-20R L8-30R

600V AC — 2-POLE, 3-WIRE GROUNDING



L9-20R L9-30R

125/250V — 3-POLE, 3-WIRE

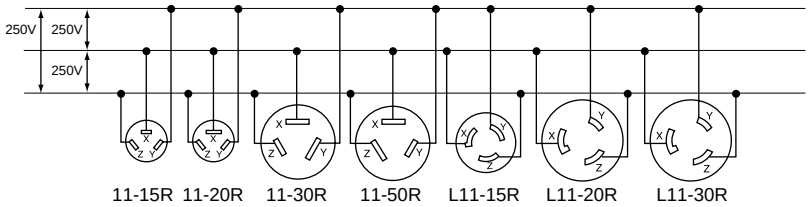


10-20R 10-30R 10-50R L10-20R L10-30R ML-3R

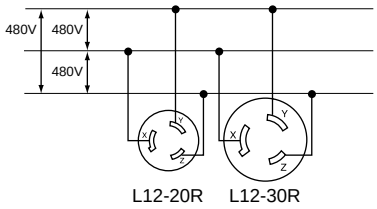
Circuit Wiring Diagrams

WIRING DIAGRAMS FOR NEMA CONFIGURATIONS

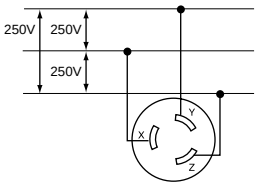
3Ø 250V — 3-POLE, 3-WIRE



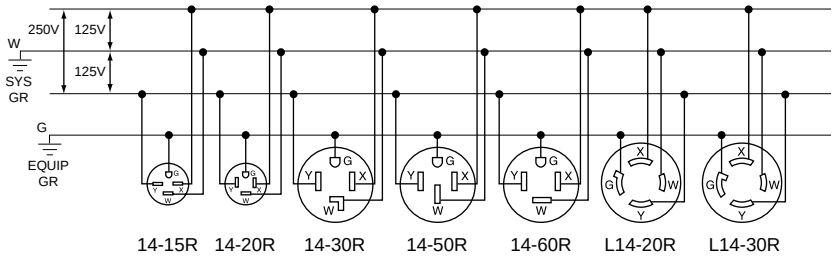
3Ø 480V — 3-POLE, 3-WIRE



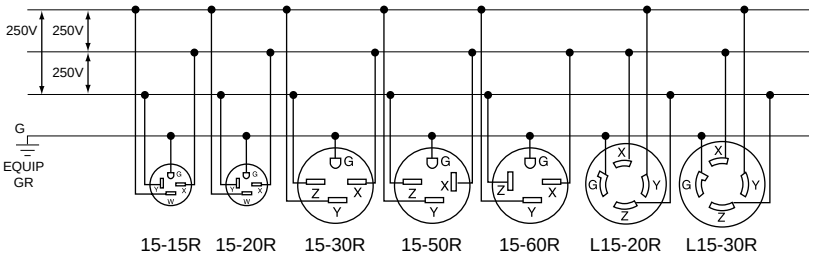
3Ø 600V — 3-POLE, 3-WIRE



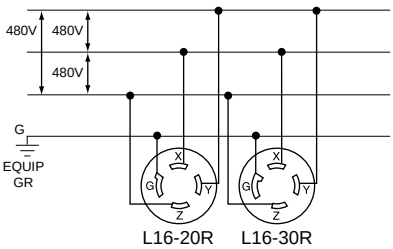
125/250V — 3-POLE, 4-WIRE GROUNDING



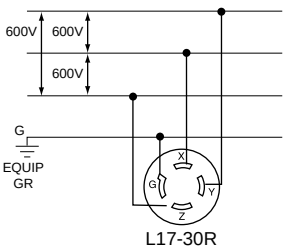
3Ø 250V — 3-POLE, 4-WIRE GROUNDING



3Ø 480V — 3-POLE, 4-WIRE GROUNDING



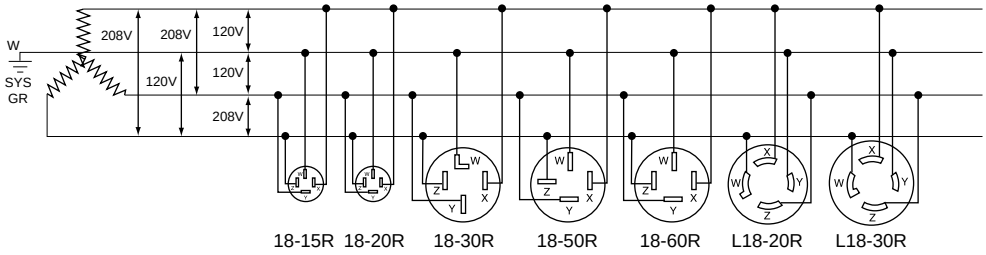
3Ø 600V — 3-POLE, 4-WIRE GROUNDING



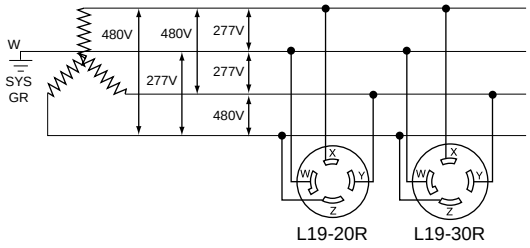
Circuit Wiring Diagrams

WIRING DIAGRAMS FOR NEMA CONFIGURATIONS

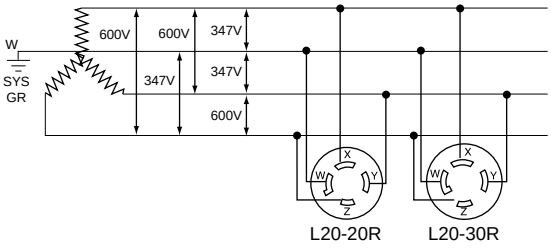
3ØY 120/208V — 4-POLE, 4-WIRE



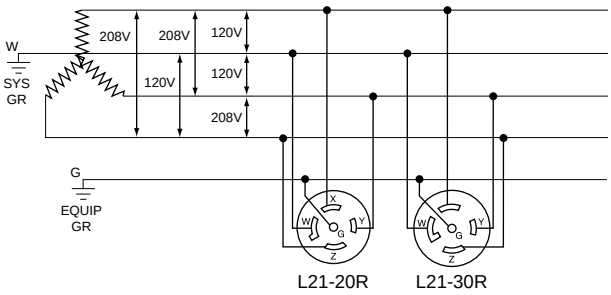
3ØY 277/480V — 4-POLE, 4-WIRE



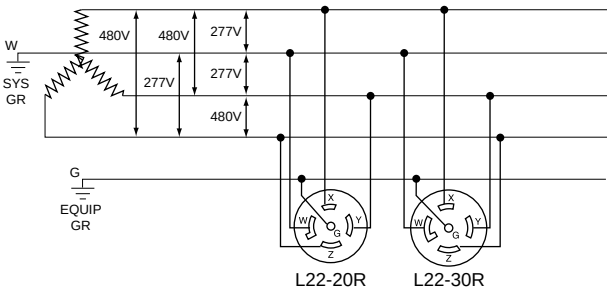
3ØY 347/600V — 4-POLE, 4-WIRE



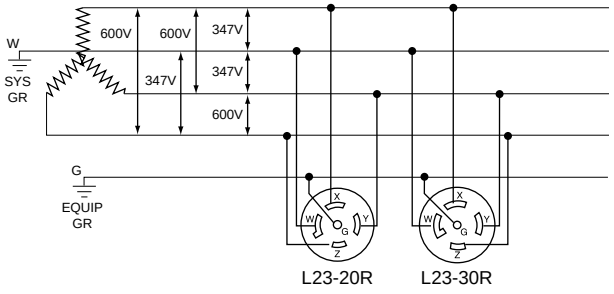
3ØY 120/208V — 4-POLE, 5-WIRE GROUNDING



3ØY 277/480V — 4-POLE, 5-WIRE GROUNDING



3ØY 347/600V — 4-POLE, 5-WIRE GROUNDING



Fraction Inches to Decimal Millimeters Conversion Chart

To find the equivalent of a fraction in millimeters, divide the numerator (top number) by the denominator (bottom number) and multiply by 25.4.

FRACTION INCHES (in.)	DECIMAL MILLIMETERS (mm)
1/64	0.3969
1/32	0.7938
3/64	1.1906
1/16	1.5875
5/64	1.9344
3/32	2.3812
7/64	2.7781
1/8	3.1750
9/64	3.5719
5/32	3.9688
11/64	4.3656
3/16	4.7625
13/64	5.1594
7/32	5.5562
15/64	5.9531
1/4	6.3500
17/64	6.7469
9/32	7.1438
19/64	7.5406

FRACTION INCHES (in.)	DECIMAL MILLIMETERS (mm)
21/64	8.3344
11/32	8.7312
23/64	9.1281
3/8	9.5250
25/64	9.9219
13/32	10.3188
27/64	10.7156
7/16	11.1125
29/64	11.5094
15/32	11.9062
31/64	12.3031
1/2	12.7000
33/64	13.0969
17/32	13.4938
35/64	13.8906
9/16	14.2875
37/64	14.6844
19/32	15.0812
39/64	15.4781

FRACTION INCHES (in.)	DECIMAL MILLIMETERS (mm)
41/64	16.2719
21/32	16.6688
43/64	17.0656
11/16	17.4625
45/64	17.8594
23/32	18.2562
47/64	18.6531
3/4	19.0500
49/64	19.4469
25/32	19.8438
51/64	20.2406
13/16	20.6375
53/64	21.0344
27/32	21.4312
55/64	21.8281
7/8	22.2250
57/64	22.6219
29/32	23.0188
59/64	23.4155
15/16	23.8125
61/64	24.2094
31/32	24.6062

Fractions Conversion Chart

To find the equivalent of a fraction in decimal form, divide the numerator (top number) by the denominator (bottom number). The change from a decimal to a percent, multiply by 100. To change from a percent to a decimal, divide by 100.

FRACTION	DECIMAL	PERCENT
1/16	0.0625	6.25
1/8	0.125	12.5
3/16	0.1875	18.75
1/4	0.25	25
5/16	0.3125	31.25
1/3	0.3	33.3
3/8	0.375	37.5
7/16	0.4375	43.75
1/2	0.5	50
9/16	0.5625	56.25
5/8	0.625	62.5
2/3	0.6	66.6
11/16	0.6875	68.75
3/4	0.75	75
13/16	0.8125	81.25
7/8	0.875	87.5
15/16	0.9375	93.75

Diameter Ranges of Jacketed Cord in Accordance with Standard UL62

Acceptable range for overall diameter of jacketed cord indicated in inches and millimeters (in parentheses)

TYPE OF CORD	AWG SIZE	2-CONDUCTOR	3-CONDUCTOR	4-CONDUCTOR	5-CONDUCTOR
SV, SVO, SVT, SVTO	18	.22-.26. (5.6-6.6)	.23-.27 (5.8-6.9)	———	———
SJ, SJO, SJT, SJTO	18	.28-.32 (7.1-8.1)	.30-.34 (7.6-8.6)	.33-.37 (8.4-9.4)	———
	16	.31-.34 (7.9-8.6)	.33-.36 (8.4-9.1)	35-.40 (8.9-10.2)	———
	14	.34-.38 (8.6-9.7)	.36-.40 (9.1-10.2)	.39-.44 (9.9-11.2)	———
	12	.41-.46 (10.4-11.7)	.43-.48 (10.9-12.2)	.47-.52 (11.9-13.2)	———
	10	.54-.61 (13.7-15.5)	.57-.64 (14.5-16.3)	.63-.70 (16.0-17.8)	———
S, SO, ST, STO	18	.34-.39 (8.6-9.9)	.36-.40 (9.1-10.2)	.39-.43 (9.9-10.9)	.46-.51 (11.7-13.0)
	16	.37-.41) (9.4-10.4)	.39-.43 (9.9-10.9)	.41-.46 (10.4-11.7)	.49-.55 (12.4-14.0)
	14	.50-.55 (12.7-14.0)	.52-.58 (13.2-14.7)	.56-.62 (14.2-15.7)	.63-.71 (16.0-18.0)
	12	.57-.63 (14.5-16.0)	.59-.66 (15.0-16.8)	.64-.71 (16.3-18.0)	.70-.77 (17.8-19.6)
	10	.62-.69 (15.7-17.5)	.65-.72 (16.5-18.3)	.70-.78 (17.8-19.8)	.76-.84 (19.3-21.3)
	8	.78-.88 (19.8-22.4)	.83-.93 (21.1-23.6)	.93-1.05 (23.6-26.7)	1.00-1.15 (25.4-29.2)
	6	.92-1.05 (23.4-26.7)	.97-1.10 (24.6-27.9)	1.05-1.20 (26.7-30.5)	1.18-1.33 (30.0-33.8)
	4	1.06-1.21 (26.9-30.7)	1.13-1.28 (28.7-32.5)	1.25-1.45 (31.8-36.8)	———
	2	1.21-1.40 (30.7-35.6)	1.30-1.50 (33.0-38.1)	1.45-1.65 (36.8-41.9)	———

Glossary of Wiring Device Terms

General Terms

Adapter — An accessory used for interconnecting non-mating devices or converting an existing device for modified use.

Ballast — A transformer that steps down AC line voltage to voltage that can be used by fluorescent or other types of lighting. Ballasts may be electromagnetic or electronic

Cord Connector — A portable receptacle designed for attachment to or provided with flexible cord, not intended for fixed mounting.

Flanged Inlet — A plug intended for flush mounting on appliances or equipment to provide a means for power connection via a cord connector.

Flanged Outlet — A receptacle intended for flush mounting on appliances or equipment to provide a means for power connection via an inserted plug.

Fluorescent Starter — A device with a voltage-sensitive switch and a capacitor that provides a high-voltage pulse to start a fluorescent lamp. Rated in watts.

Lampholder — A device with contacts that establishes mechanical and electrical connection to an inserted lamp.

Plug — A device with male contacts intended for insertion into a receptacle to establish electrical connection between the attached flexible cord and the conductors connected to the receptacle.

Receptacle — A device with female contacts designed for fixed installation in a structure or piece of equipment and which is intended to establish electrical connection with an inserted plug.

Switch — A device for making, breaking, or changing the connections in an electric circuit.

Wallplate — A plate designed to enclose an electrical box, with or without a device installed within the box.

Adapter Variations

Cube Tap — An adapter that converts one receptacle opening into multiple openings.

Current Tap — An adapter designed for medium base lampholders which has one or two receptacle openings. Available with or without integral switch.

Duplex — An adapter that provides two female receptacle openings when plugged into a single receptacle opening.

Grounding - An adapter that converts a two-wire receptacle opening into a two-pole, three-wire grounding receptacle opening.

Lampholder — A threaded adapter that converts the thread size of the lampholder in which it is inserted so that the lampholder can accept an incandescent lamp bulb of a different size thread.

Molded-On — An adapter that is factory molded to a length of flexible cord.

Series — An adapter wired in series to a flexible cord containing an in-line switch used to control electrical equipment plugged into the adapter.

"W" Type — Same as "Y" type, except having three cord connectors arranged in the form of the letter "W".

"Y" Type — An adapter in the form of a letter "Y", having two cord connectors on one end and a male plug on the other end.

Cord Connectors

Angle —A connector that allows the attached flexible cord to exit at right angles.

Corrosion Resistant — A connector constructed of special materials and/or suitably plated metal parts that is designed to withstand corrosive environments. Corrosion resistant devices must pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion.

Dust Proof — A connector designed so that dust will not interfere with its operation. The IP Suitability Rating designates the degree of protection a device offers against the ingress of foreign objects (e.g. IP 20).

Explosion Proof — A connector constructed to meet the requirements of hazardous locations as defined by the National Electrical Code, NFPA-70.

Hospital Grade — A connector designed to meet the performance requirements of high-abuse areas typically found in health care facilities. These connectors are tested to the Hospital Grade requirements of Underwriters Laboratories Inc. Standard 498.

Locking — A connector designed to lock an inserted plug with a matching blade configuration when the plug is rotated in a clockwise direction. The plug can only be removed by first turning it in a counter-clockwise direction.

Midget — A connector designed with a smaller body diameter than standard connectors with a similar rating.

Molded On — A connector that is factory molded to a length of flexible cord.

Pin and Sleeve — A connector with hollow, cylindrical sleeve-type contacts.

Straight Blade — A non-locking connector into which mating plugs are inserted at a right angle to the plane of the connector face.

Weatherproof — A connector specially constructed so that exposure to weather will not interfere with its operation.

Flanged Inlets

Corrosion Resistant — An inlet constructed of special materials and/or suitably plated metal parts that is designed to withstand corrosive environments. Corrosion resistant devices must pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion.

Flush-Mounted — An inlet intended to be installed flush with the surface of a panel or a piece of equipment.

Locking — An inlet designed to lock an inserted matching connector when the connector is rotated in a clockwise direction. The connector can only be removed by first turning it in a counter-clockwise direction.

Midget — An inlet designed with a smaller body diameter than standard connectors with a similar rating.

Pin and Sleeve — An inlet with round pin-type contacts intended to mate with a connector having hollow cylindrical female contacts.

Straight Blade — A non-locking inlet into which mating connectors are inserted at a right angle to the plane of the connector face.

Surface-Mounted — An inlet designed to be surface mounted on a panel or piece of equipment.

Watertight — An inlet specially constructed so that water will not enter under specified test conditions. The IP Suitability Rating designates the degree of protection a device offers against the ingress of moisture and water (e.g. IP 55, IP 44).

Weatherproof — An inlet specially constructed to protect it from the effects of weather in outdoor locations.

Flanged Outlets

Corrosion Resistant — An outlet constructed of special materials and/or suitably plated metal parts that is designed to withstand corrosive environments. Corrosion resistant devices must pass the ASTM B17-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion.

Flush-Mounted — An outlet intended to be installed flush with the surface of a panel or a piece of equipment.

Locking — An outlet designed to lock an inserted plug with a matching blade configuration when the plug is rotated in a clockwise direction. The plug can only be removed by first turning it in a counter-clockwise direction.

Midget — An outlet designed with a smaller body diameter than standard devices with a similar rating.

Pin and Sleeve — An outlet with hollow cylindrical female contacts intended to mate with a plug having round pin contacts.

Straight Blade — A non-locking outlet into which mating straight-blade plugs are inserted at a right angle to the plane of the outlet face.

Surface-Mounted — An outlet designed to be surface mounted on a panel or piece of equipment.

Watertight — An outlet specially constructed so that water will not enter under specified test conditions. The IP Suitability Rating designates the degree of protection a device offers against the ingress of moisture and water(e.g. IP 55, IP 44).

Weatherproof — An outlet specially constructed so that exposure to weather will not interfere with its operation.

Fluorescent Starters

Automatic Reset — A starter that automatically restarts a new replacement fluorescent lamp after the circuit is energized.

Direct Current — A thermal-type starter designed for use on direct current (DC) circuits.

Glow Discharge — A starter that provides a rapid lamp start-up and will continue to try to start a failed fluorescent lamp, causing the lamp to flicker until it is replaced.

Manual Reset — A starter that automatically deactivates a failed fluorescent lamp to eliminate flickering. A reset button provides a means of activating the circuit after lamp replacement.

Lampholders

Bayonet — Designed for incandescent lamps having an unthreaded metal shell with two diametrically opposite keyways that mate with the keyways on the lampholder. Pushing down on the bulb and turning it clockwise in the lampholder locks the bulb in place.

Candelabra — A small screw-base threaded lampholder designed for candelabra-base incandescent lamps commonly used in chandeliers, night lights, and ornamental lighting.

Circline — A four-contact, double-ended lampholder designed for use with tubular, circular fluorescent lamps.

Compact Fluorescent — A lampholder designed for the Compact Fluorescent Lamps (CFL's) that are increasingly being used to replace incandescent lamps for energy efficiency.

Dimmer — An electronic device with either a round knob, slide lever or finger-tip controlled buttons used to dim/brighten incandescent lighting. Available in a variety of wattages; fluorescent version also available.

Glossary of Wiring Device Terms

Double-Contact Recessed — Designed for high-output fluorescent lamps.

Edison Base — An internally-threaded lampholder, with the inner shell approx. 1" in diameter. Designed for widely-used standard medium base lamps.

Electrolier — Similar to the Edison Medium Base lampholder, but with a smaller outer diameter.

Incandescent — Designed for use with all manufactured incandescent lamps, most of which have threaded bases.

Intermediate — A lampholder with a threaded screw shell designed for intermediate base lamps that have a 13/32" threaded base (smaller than the standard 1" dia. medium base). Mostly used in decorative lighting.

Key — A lampholder with a flat or round "key" knob that operates an internal switching mechanism ("Keyless" lampholders do not provide an internal switching mechanism).

Lumiline — A specially designed lampholder for tubular Lumiline-type incandescent lamps, typically used in bathrooms and retail display cases.

Medium Base — Same as the Edison base lampholder. An internally-threaded lampholder, with the inner shell approx. 1" in diameter. Designed for widely-used standard medium base lamps.

Miniature — Designed for the smallest available incandescent lamps with a screw-in base, approx. 3/8" dia. Widely used in flashlights and toys, etc.

Mogul — The largest screw-in type lampholder, designed for mogul incandescent lamps with a screw base of approx. 1 1/2" dia. Used in street lights and numerous commercial/industrial applications.

Medium Bi-Pin — A fluorescent lampholder with two contacts, used in pairs. For type T-8 tubular fluorescent lamps, approx. 1" in diameter.

Miniature Bi-Pin — Similar to medium bi-pin lampholders, but designed for type T-5 tubular fluorescent lamps, approx. 5/8" in diameter.

Outlet Box — Medium-base incandescent lampholder designed for mounting in 3 1/4" or 4" electrical boxes. Available with or without pull-chain mechanism, and with or without built-in receptacle.

Pull-Chain — An incandescent lampholder with an internal switching mechanism that is activated by pulling down on a beaded chain or cord.

Push-Through — An incandescent lampholder with an insulated lever that is pushed from either side to activate an internal ON/OFF switching mechanism.

Slimline Single-Pin — A fluorescent lampholder with a single contact designed for Slimline fluorescent lamps such as the T-12 (1 1/2" dia.), T-8 (1" dia.), and the smaller version T-6 (3/4" dia.).

Snap-In — An incandescent or compact fluorescent lampholder with factory-assembled spring clips that securely snap into a panel cutout without requiring additional fasteners.

Surface-Mounted — A lampholder of any type that mounts on a flat or plane surface.

Plugs

Angle — A plug that allows the attached flexible cord to exit at right angles.

Corrosion Resistant — A plug constructed of special materials and/or suitably plated metal parts that is designed to withstand corrosive environments. Corrosion resistant devices must pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion.

Dust Proof — A plug designed so that dust will not interfere with its operation. The IP Suitability Rating designates the degree of protection a device offers against the ingress of foreign objects (e.g. IP 20).

Explosion Proof — A plug constructed to meet the requirements of hazardous locations as defined by the National Electrical Code, NFPA-70.

Hospital Grade — A plug designed to meet the performance requirements of high-abuse areas typically found in health care facilities. These plugs are tested to the Hospital Grade requirements of Underwriter's Laboratories Inc. Standard 498.

Locking — A plug designed to lock into a matching connector or receptacle configuration when the plug is rotated in a clockwise direction. The plug can only be removed by turning it in a counter-clockwise direction.

Midget — A plug designed with a smaller body diameter than standard plugs with a similar rating.

Molded On — A plug that is factory molded to a length of flexible cord.

Pin and Sleeve — A plug with round pin contacts.

Straight Blade — A non-locking plug that is inserted at a right angle to the plane of the matching device face.

Weatherproof — A plug specially constructed so that exposure to weather will not interfere with its operation.

Receptacles

AL/CU — 30A, 50A or 60A receptacles designated for use with aluminum or copper circuit conductors, identified by "AL/CU" stamped on the device. Receptacles without this designation must never be used with aluminum circuit conductors.

Clock Hanger — A single, recessed receptacle with a specialized cover plate that provides a hook or other means of supporting a wall clock.

CO/ALR — 15A or 20A receptacles designated for use with aluminum or copper circuit conductors, identified by "CO/ALR" stamped on the device. Receptacles without this designation must never be used with aluminum circuit conductors.

Corrosion Resistant — A receptacle constructed of special materials and/or suitably plated metal parts that is designed to withstand corrosive environments. Corrosion resistant devices must pass the ASTM B117-13 five-hundred hour Salt Spray (Fog) Test with no visible corrosion.

Display — Receptacle with a special cover plate intended for flush mounting on raised floors or walls.

Duplex — Two receptacles built with a common body and mounting means; accepts two plugs.

Dust Proof — A receptacle designed so that dust will not interfere with its operation. The IP Suitability Rating designates the degree of protection a device offers against the ingress of foreign objects (e.g. IP 20).

Explosion Proof — A receptacle constructed to meet the requirements of hazardous locations as defined by the National Electrical Code, NFPA-70.

Fan Hanger — A single receptacle with a specialized cover plate that provides a hook or other means of supporting a wall fan.

Four-In-One or "Quad" — A receptacle in a common housing that accepts up to four plugs. Four-In-One receptacles can be installed in place of duplex receptacles mounted in a single-gang box, providing a convenient means of adding receptacles without rewiring.

GFCI (Ground Fault Circuit Interrupter) — A receptacle with a built in circuit that will detect leakage current to ground on the load side of the device. When the GFCI detects leakage current to ground, it will interrupt power to the load side of the device, preventing a hazardous ground fault condition. GFCI receptacles must conform to UL Standard 943 Class A requirements, and their use is required by the National Electric Code NFPA-70 in a variety of indoor and outdoor locations.

Hospital Grade — A receptacle designed to meet the performance requirements of high-abuse areas typically found in health care facilities. These receptacles are tested to the Hospital Grade requirements of Underwriters Laboratories Inc. Standard 498.

Interchangeable — A receptacle or combination of receptacles with a common mounting dimension that may be installed on a single or multiple-opening mounting strap.

Isolated Ground — Receptacles intended for use in an Isolated Grounding system where the ground path is isolated from the facility grounding system. The grounding connection on these receptacles is isolated from the mounting strap.

Lighted (Illuminated) — A receptacle with a face that becomes illuminated when the device is connected to an energized electrical circuit.

Locking — A receptacle designed to lock an inserted plug with a matching blade configuration when the plug is rotated in a clockwise direction. The plug can only be removed by first turning it in a counter-clockwise direction.

Pin and Sleeve — A receptacle with cylindrical sleeve-type contacts.

Safety or Tamper-Resistant — A receptacle specially constructed so that access to its energized contacts is limited. Tamper-resistant receptacles are required by the National Electric Code NFPA-70 in specific pediatric care areas in health care facilities.

Single — A receptacle that accepts only one plug.

Snap-In — A receptacle with factory-assembled spring clips that securely snap into a panel cutout without requiring additional fasteners.

Split-Circuit — A duplex receptacle that allows each receptacle to be wired to separate circuits. Most duplex receptacles provide break-off tabs that allow them to be converted into split-circuit receptacles.

Straight Blade — A non-locking receptacle into which mating plugs are inserted at a right angle to the plane of the receptacle face.

Surface-Mounted — Any receptacle that mounts on a flat or plane surface.

Surge-Suppression — A receptacle with built-in circuitry designed to protect its load side from high-voltage transients and surges. The circuitry will limit transient voltage peaks to help protect sensitive electronic equipment such as PC's, modems, audio/video equipment, etc.

Triplex — A receptacle with a common mounting means which accepts three plugs.

Weatherproof — A receptacle specially constructed so that exposure to weather will not interfere with its operation.

Switches

AC/DC — A switch designated for use with either Alternating Current (AC) or Direct Current (DC)

AC Only — A switch designated for use with Alternating Current (AC) only.

Dimmer — A switch with electronic circuitry that provides DIM/BRIGHT control of lighting loads.

Door — A momentary contact switch, usually installed on a doorjamb, that is activated when the door is opened or closed.

Double-Pole, Single-Throw (DPST) — A switch that makes or breaks the connection of two circuit conductors in a single branch circuit. This switch has four terminal screws and ON/OFF markings.

Glossary of Wiring Device Terms

Switches (continued)

Double-Pole, Double-Throw (DPDT) — A switch that makes or breaks the connection of two conductors to two separate circuits. This switch has six terminal screws and is available in both momentary and maintained contact versions, and may also have a center OFF position.

Feed-Through — An in-line switch that can be attached at any point on a length of flexible cord to provide switching control of attached equipment.

Flush-Mounted — A switch designed for flush installation with the surface of a panel or equipment.

Four-Way — A switch used in conjunction with two 3-Way switches to control a single load (such as a light fixture) from three or more locations. This switch has four terminal screws and no ON/OFF marking.

Horsepower Rated — A switch with a marked horsepower rating, intended for use in switching motor loads.

Interchangeable — A switch or combination of switches with a common mounting dimension that may be installed on a single or multiple-opening mounting strap.

Lighted Handle — A switch with an integral lamp in its actuator (toggle, rocker or pushbutton) that illuminates when the switch is connected to an energized circuit and the actuator is in the OFF position.

Locking — A switch equipped with a locking mechanism that requires a key to operate the switching functions.

Low-Voltage — A switch rated for use on low-voltage circuits of 50 volts or less.

L-Rated — A switch specially designated with the letter "L" in its rating that is rated for controlling tungsten filament lamps on AC circuits only.

Maintained Contact — A switch where the actuator (toggle, rocker, pushbutton or key mechanism) makes and retains circuit contact when moved to the ON position. The contacts will only be opened when the actuator is manually moved to the OFF position. Ordinary light switches are maintained contact switches.

Manual Motor Controller — A switch designed for controlling small DC or AC motor loads, without overload protection.

Mercury — A type of switch that uses mercury as the contact means for making and breaking an electrical circuit.

Momentary Contact — A switch that makes circuit contact only as long as the actuator (toggle, rocker, pushbutton or key mechanism) is held in the ON position, after which it returns automatically to the OFF position. This is a "Normally Open" switch. A "Normally Closed" switch will break circuit contact as long as it is held in the OFF position, and then automatically return to the ON position. Available in "Center OFF" versions with both Momentary ON and Momentary OFF positions.

Pendant — A type of switch designed for installation at the end of a length of portable cord or cable,

Pilot Light — A switch with an integral lamp in its actuator (toggle, rocker or pushbutton) that illuminates when the switch is connected to an energized circuit and the actuator is in the ON position.

Pull — A switch where the making or breaking of contacts is controlled by pulling downward or outward on the actuator mechanism.

Push Button — A switch with an actuator mechanism that is operated by depressing a button.

Rotary — A switch where rotating the actuator in a clockwise direction makes the circuit connection, and then rotating the actuator in either the same or opposite direction breaks the connection.

Single-Pole, Double-Throw (SPDT) — A switch that makes or breaks the connection of a single conductor with either of two other single conductors. This switch has 3 terminal screws, and is commonly used in pairs and called a "Three-Way" switch.

Single-Pole, Single-Throw (SPST) — A switch that makes or breaks the connection of a single conductor in a single branch circuit. This switch has two screw terminals and ON/OFF designations. It is commonly referred to as a "Single-Pole" Switch.

Slide — A switch with a slide-action actuator for making or breaking circuit contact. Dimmer switches and fan speed controls are also available with slide-action mechanisms for lighting and fan speed control.

Surface-Mounted — Any switch that mounts on a flat or plane surface.

Three-Position, Center OFF — A two circuit switch, either maintained or momentary contact, where the OFF position is designated as the center position of the actuator.

Three-Way — A switch, always used in pairs, that controls a single load such as a light fixture from two locations. This switch has three terminal screws and has no ON/OFF marking.

Time Delay — A switch with an integral mechanism or electronic circuit that will automatically switch a load OFF at a predetermined time interval.

Timer — A switch with an integral mechanism or electronic circuit that can be set to switch an electrical load ON at a predetermined time.

Toggle — A switch with a lever-type actuator that makes or breaks switch contact as its position is changed.

T-Rated — A switch specially designated with the letter "T" in its rating that is rated for controlling tungsten filament lamps on direct current (DC) or alternating current (AC) circuits.

Wallplates

Combination — A multiple- gang wallplate with openings in each gang to accommodate different devices.

Decora® — Wallplates with Decora-size openings for compatibility with Leviton's entire line of Decora devices. Available in a variety of multiple-gang configurations. Screwless-design snap-on versions also available.

Flush — A wallplate designed for flush-mounting with wall surfaces or the plane surfaces of electrical equipment.

Gang — A term that describes the number of devices a wallplate is sized to fit (i.e. "2- gang" designates two devices).

Midway — Wallplates that are approx. 3/8" higher and wider than the standard size that can be mounted onto larger volume outlet boxes and/or used to hide wall surface irregularities. These wallplates are approx. 1/4" deep to ensure a proper fit when used with protruding devices.

Oversized — Wallplates that are approx. 3/4" higher and wider than the standard size and are used to conceal greater wall irregularities than those hidden by Midway wallplates. These wallplates are approx. 1/4" deep to ensure a proper fit when used with protruding devices.

Modular — Individual-section wallplates with different openings that can be configured into a multi-gang plate.

Multi-Gang — A wallplate that has two or more gangs.

Tandem — A wallplate with individual gangs arranged vertically one above the other.

Weatherproof (with Cover Closed) — A UL Listed cover that meets specific test standards for use in wet and damp locations with the cover closed.

Weatherproof (with Cover Open) — A UL Listed cover that meets specific test standards for use in wet and damp locations with the cover open or closed.

Surge Suppression

Clamping Voltage — The peak voltage that can be measured after a Surge Protective Device has limited or "clamped" a transient voltage surge.

Clamping voltage must be determined by using IEEE Standard C62 testing and evaluated by UL Standard 1449.

Joule Rating — The measurement of a Surge Protective Device's ability to absorb heat energy created by transient surges. Note that the Joule rating is not a part of IEEE or UL Standards. It is not as significant a specification as Clamping Voltage, Maximum Surge Current and other parameters recognized by these agencies.

Transient Voltage Surges — High-speed, high-energy electrical disturbances present on AC power lines and data and communication lines, generated by utility switching, motor-load switching and lightning strikes.

Response Time — The interval of time it takes for a surge protective device to react to a transient voltage surge. Note that this parameter is not a part of IEEE or UL Standards and is only based on estimations made by manufacturers.

Surge Protective Device — See "Transient Voltage Surge Suppressor (TVSS)" definition.

Transient Voltage Surge Suppressor (TVSS) — A device designed to protect sensitive electronic equipment such as computers and computer peripherals, logic controls, audio/video equipment and a wide range of microprocessor-based (computer chip) equipment from the harmful effects of transient voltage surges. Also referred to as a Surge Protective Device (SPD).

Maximum (Peak) Surge Current — The peak surge current a Surge Protective Device can withstand, based on IEEE Standard C62.45 test waveforms.

MOV (Metal Oxide Varistor) — The primary component used in most Surge Protective Devices to clamp down transient voltages.

UL 1449 Listing — The industry standard for Surge Protective Devices. A Surge Protective Device must have a UL 1449 Surge Suppression rating on its label in order to verify that the device has been tested with IEEE standardized waveforms. Devices without this identification should not be considered reliable surge protective devices.

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THE FUTURE IS ON

2007	Don Hendler named CEO; Steve Sokolow named Chairman. New branding launched.
2005	Don Hendler becomes President.
2003	Opening of manufacturing facility in China.
1986	Leviton begins operations in Mexico
1979	Leviton devices used in refurbishing Statue of Liberty and Ellis Island.
1975	Company moves corporate headquarters to Little Neck, NY.
1973	Decora® designer-style devices introduced.
1965	Harold Leviton becomes President and CEO.
1961	Leviton devices installed in the White House.
1953	Acquires Hale Brothers Companies, now known as Leviton Canada.
1939	Leviton devices featured at the World's Fair.
1932	Leviton devices used in Empire State Building.
1929	Leviton relocates to Greenpoint, Brooklyn.
1910	Leviton makes pullchain lampholders for Edison's new light bulbs.
1906	Isidor Leviton opens a small shop in New York making gas mantle tips.

100,000,000+ homes,
20,000+ products,
100+ years,
1 brand...

Leviton Manufacturing proudly presents our new look. A concise visual expression to help better communicate the qualities that make us the unique, one-of-a-kind industry leader customers and distributors have come to know and trust over the past one hundred years. This trust is at the core of our success, and we pledge our continued devotion to the pursuit of excellence every day, in everything we do.

THE FUTURE IS ON

LEVITON

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ISO 9000 REGISTERED Quality Manufacturer

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Note: Features and specifications subject to change.

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