



Pin & Sleeve **EUREKA-HD Series**

Heavy duty
Industrial Wiring Devices

 **SCAME**
electrical solutions

EUREKA-HD Series

Watertight and splashproof IEC

> PIN AND SLEEVE DEVICES



> VERSIONS

	Plugs and connectors
	Appliance inlets
	Receptacle
	Accessories Back Box and closure caps

> TECHNICAL CHARACTERISTICS FOR BACK BOX

Protection degree (IEC 60529):	IP66/IP67
Operating temperature:	-25°C +40°C
Max. operating temperature:	+70°C
Self-extinguishing (IEC 60695-2-1):	GW test 850°C
Self-extinguishing (UL94):	V2 (3,2mm)
Material:	Polyamide 6
IK degree at 20°C (EN 50102):	IK10 (20J)

> REFERENCE STANDARDS

IEC 60309-1

Plugs, socket-outlets and couplers for industrial purposes.
Part 1: general requirements.

IEC 60309-2

Plugs, socket-outlets and couplers for industrial purposes
Part 2: dimensional interchangeability requirements for pin and contact-tube accessories of harmonised configurations.

UL 1682

Plugs, receptacles and cable connectors of the pin and sleeve type.

UL 1686

Standard for pin and sleeve configuration.

> QUALITY MARKS

UL LISTED:
E238171, E238172



UL CLASSIFIED:
E238170



For specific quality marks please contact our technical service.

> TECHNICAL CHARACTERISTICS FOR PIN & SLEEVE

Rated current:	16A - 32A - 63A - 125A (SERIES I) 20A - 30A - 60A - 100A (SERIES II)
Rated voltage:	100÷690V~
Frequency:	D.C. - 50÷500Hz
Insulating voltage:	500/690V~
Protection degree (IEC 60529):	IP44 - IP67
Operating temperature according to the reference standard:	-25°C + 40°C
Max. operating temperature:	+70°C
Self-extinguishing (IEC 60695-2-1):	GW test 650°C / 850°C
Self-extinguishing (UL94):	V1 (3mm)
Material:	VALOX®
IK degree at 20°C (EN 50102):	IK10 (20J)

> BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Not Resistant	Not Resistant	Not Resistant	Limited Resistance	Resistant	Resistant

For specific substances please contact our technical service.

> WIRING AND INSTALLATION

Cross-section of connectable conductors (awg/mm²)

Rated current		Plugs, connectors and appliance inlets				Receptacle			
Series I	Series II	Min awg	mm ²	Max awg	mm ²	Min awg	mm ²	Max awg	mm ²
16A	20A	16	1	12	2,5	16	1,5	12	4
32A	30A	14	2,5	10	6	14	2,5	8	10
63A	60A	10	6	6	16	10	6	4	25
125A	100A	6	16	2	50	4	25	0	70

Cord grip range

(Plugs and connectors)

Rated current		Outside Ø mm			
Series I	Series II	Min awg	mm ²	Max awg	mm ²
16A	20A	,570	14	,710	18
32A	30A	,675	17	,910	23
63A	60A	,937	24	1,375	35
125A	100A	1,265	32	1,790	45

> APPLICATION EXAMPLES



EUREKA-HD Series

> PERFORMANCE - ELECTRICAL (SERIES I)

Dielectric Voltage Withstand:	3000 Volts for 1 minute per IEC 60309-1, Clause 19
Maximum Working Voltage:	690VAC/250 VDC (minimum creepage and clearances per IEC)
Current Interrupting/ Load Breaking:	Tested to 125% rated current at 110% rated voltage per IEC309-1 clause 20
Temperature Rise:	Maximum 50°C rise at rated current per IEC309-1 Clause 22, Table 8
Endurance with Load:	16 Amp: 5000 cycles; Load only
Per IEC 60309-1 Clause 21:	32 Amp: 1000 cycles - Alternating load 63 Amp: 1000 cycles - Alternating load 125 Amp: 250 cycles - Alternating load

> PERFORMANCE - ELECTRICAL (SERIES II)

Dielectric Voltage Withstand:	3000 Volts for 1 minute (fixed devices) 2200 Volts for 1 minute (portable devices)
Maximum Working Voltage:	600VAC/250 VDC (minimum creepage and clearances per UL 840)
Current Interrupting/ Load Breaking:	Tested to 150% of full rated current for circuit interrupting
Temperature Rise:	Maximum 30°C rise at full rated current after 50 cycles overload at 150% rated load at 0.75-pf
Horsepower Ratings:	Per Nec 430-151b reference for non-interrupting ratings
Endurance with Load:	20 Amp: 5000 cycles; Load only
Per IEC 60309-1 Clause 21:	30 Amp: 1000 cycles - Alternating load 60 Amp: 1000 cycles - Alternating load 100 Amp: 250 cycles - Alternating load

> MATERIALS FOR PIN & SLEEVE (SERIES I & II)

Housing:	Valox®
Contact Carriers:	Valox®
Cable Gland Nut:	Valox®
Cable Bushing:	Solid neoprene, onion ring type
O-Ring, Seals & Gaskets:	Solid neoprene
Pins & Sleeves:	Nickel plated brass
Sleeve Force Ring:	Zinc plated steel
Terminal Screws:	Nickel plated steel
Flap/Screw Cover Springs:	Stainless steel
SNAP-ON Spring:	Stainless steel
Mounting Flanges:	Valox®

> PERFORMANCE - MECHANICAL (SERIES I)

Cold (-25°C) Impact Resistance:	Per IEC 60309-1 Clause 24; (-25°C) with 75cm drop
Cable O.D. Accommodation:	Round portable service cords from 14.5mm O.D. through 50mm O.D.
Terminal Identification:	In accordance with IEC 60309-1 standards; as L1-L2-L3-N-G
Cable Pull-Out Force:	In accordance with IEC 60309-1, Clause 23

> PERFORMANCE - MECHANICAL (SERIES II)

Cold (-25°C) Impact Resistance:	Per UL 1682 Section 34 and IEC 60309-1 Clause 24
Cable O.D. Accommodation:	Round portable service cord from 0.57" O.D. through 1.79" O.D.
Terminal Identification:	In accordance with UL 1682 standards and IEC 60390-1: as L1-L2-L3-N-G
Cable Pull-Out Force:	Per UL 1682 Section 33 and IEC 60309-1 Clause 23

> PERFORMANCE - ENVIRONMENTAL (SERIES I & II)

Corrosion Resistance:	All metallic components stainless steel or nickel plated brass Sleeve pressure rings of zinc plated steel
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> MATERIALS FOR BACK BOX (SERIES I & II)

Housing:	Polyamide 6
Gasket:	Solid neoprene
Screws:	Stainless steel
Grounding plate:	2 inch plated steel

Standard Interface / World Ready

Full International Compliances

EN 60309

UL Classification to IEC 60309-1 and IEC 60309-2.

cULus Listing: UL 1682/1686 and CSA C22.2

No. 182.1.

CE conforms to EC Low Voltage Directive.

North American and Global Voltage

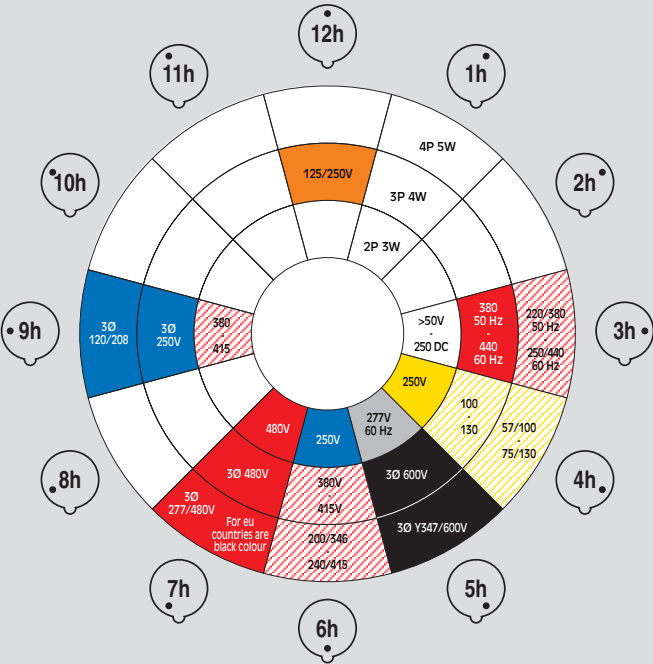
Polarization "clock positions" available in all standard ratings.

Solid, Safe Voltage Selections

One-Piece contact carriers with Full-Color IEC standard voltage-phasing Coding ensures correct product application every time.

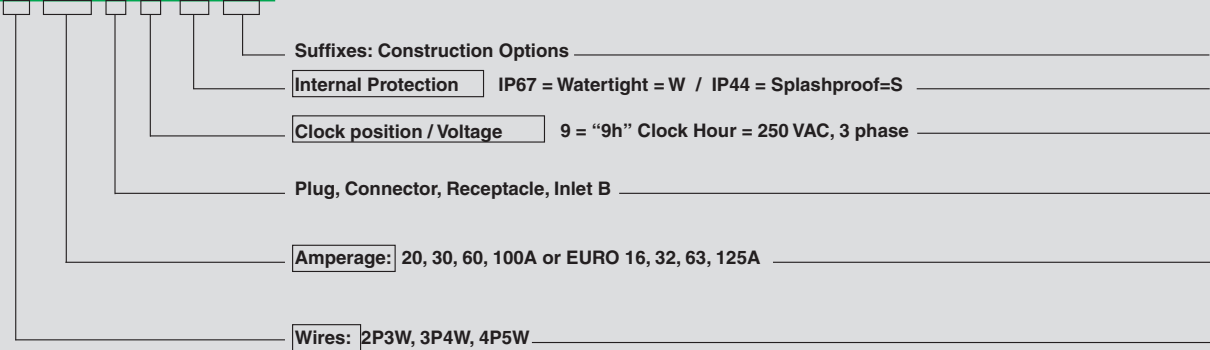
> CLOCK POSITION - NORTH AMERICAN RATINGS

RATED VOLTAGE	COLOUR	USAGE (NORTH AMERICAN)
110-130V	Yellow	North American
208-250V	Blue	North American
380-415V	Red	Europe
600V +	Black	North American and Europe (500V)
277/480V	Red	North American
277V	Grey	North American
125/250V	Orange	North American
250/440V	Red	Latin America
220/440V	Red with diagonal lines	Europe
57/130V	Yellow with diagonal lines	Europe



> CATALOG NUMBERING SYSTEM

SCM 430P9W



EUREKA-HD Series

> WATERTIGHT - IP67



Watertight design and construction meet stringent IP67 internal protection standards.

Rugged thermoplastic housings resist impact or abuse and provide excellent corrosion resistance.

Unique Scame strain relief grip and sealing system assure superior cable retention and watertight conductor termination.

Ideal for outdoor, wet marine and washdown applications.

Unique 75% faster assembly with Snap-on handle locking, and cable grip system.

> SPLASHPROOF - IP44



Suitable for indoor use where splashing liquids and other contaminants may interfere with electrical connections.

Ideal for most heavy commercial applications and light industrial applications.

Available 16A, 20A, 30A and 32A Amp ratings.



No Tools, No Screws Necessary

Snap-on locking handle saves 75% on assembly time.

Unique Snap-on assembly feature on 16A, 20A, 30A and 32A Amp plugs and connectors makes installation and inspection fast and reliable.

Captive gaskets in handles seal out water, chemicals and dust.



Easy Action Single-Wiring Point Access Saves Time Wiring

All terminal screws face in same direction allowing installer to make safe and secure conductor terminations in 30% less time than other devices. Rugged, corrosion free thermoplastic housings are colour-coded for safe reliable connections to all other mating type /polarizations, with raised earth terminal standard.



Simple Cable Clamping

Threaded cable gland on 16/32A and 20/30A devices makes assembly fast and easy.

One-piece lock screw verifies clamp locking hold, with no external metal contact possible (16/32A and 20/30A devices).



Unique and Quick

One-piece cable gland with locking screw loads to cable followed by cable grip 6-Finger cable clamp/grip piece. Watertight onion ring bushing fits a wide variety of outside diameters.



Watertight and cable Grip Safety

Grip cable flexible 6-Finger clamp teeth holds well beyond all agency test pull-out forces.

No internal clamps required.

Available in all amperages.



The Performance Connection

Watertight spring-loaded covers with high-strength flex-hinge screw covers on IP67 devices.

Flap covers on IP44 splashproof styles. Safety, performance and durability for all EN 60309 applications worldwide.

> WATERTIGHT - IP67

Safe Connections Standard

- Heart contacts make first, break last for safe connections even under load



The Easy Way

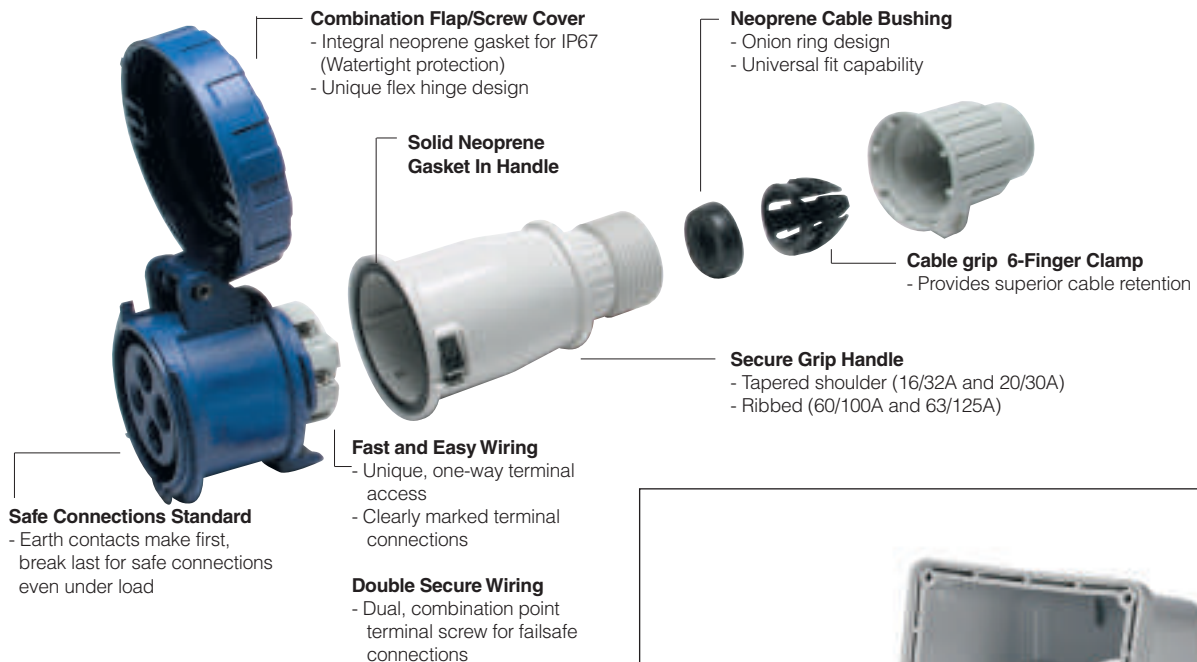
- Snap-on locking feature on all 16/32A and 20/30A plugs and connectors

Screw Collars Stay Put

- Turreted grip allows for easy handling

75% Faster Cable builds

- Nylon lock screw System
- One-piece cable gland
- Nylon locking screw prevents loosening
- Hand assembly of cable gland, cable grip
- 6 Finger clamp and onion-ring bushing



Combination Flap/Screw Cover

- Integral neoprene gasket for IP67 (Watertight protection)
- Unique flex hinge design

Solid Neoprene Gasket In Handle

Neoprene Cable Bushing

- Onion ring design
- Universal fit capability

Cable grip 6-Finger Clamp

- Provides superior cable retention

Secure Grip Handle

- Tapered shoulder (16/32A and 20/30A)
- Ribbed (60/100A and 63/125A)

Fast and Easy Wiring

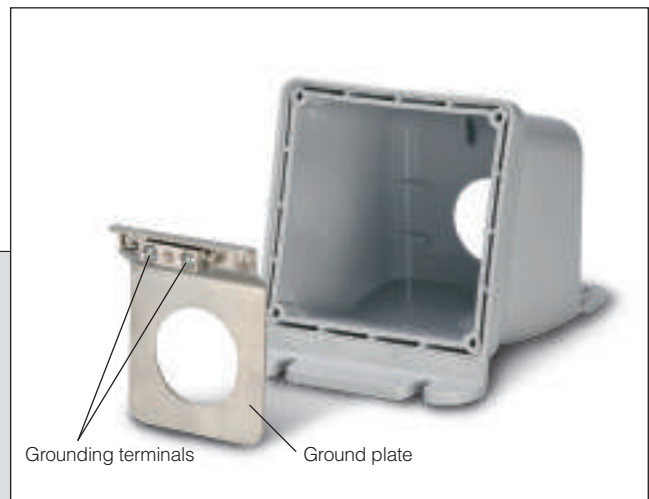
- Unique, one-way terminal access
- Clearly marked terminal connections

Double Secure Wiring

- Dual, combination point terminal screw for failsafe connections

Safe Connections Standard

- Earth contacts make first, break last for safe connections even under load



Grounding terminals

Ground plate

Industrial plugs and sockets >50V

> WATERTIGHT AND SPLASHPROOF PIN AND SLEEVE DEVICES IP67 AND IP44 - 20A

EUREKA-HD Series

UL LISTED
E238171, E238172

UL CLASSIFIED
E238170



(For approvals see page 19)



20A - WATERTIGHT - IP67

Poles & Wires	Configuration			Voltage/ Colour Coding	Plug	Connector	Cable O.D. Range Inches	Receptacle	Inlet
	Receptacle/ Connector	Plug/ Inlet	Clock position						
2P 3W			4h	125	SCM320P4W	SCM320C4W	.57-.71	SCM320R4W	SCM320B4W
2P 3W			6h	250	SCM320P6W	SCM320C6W	.57-.71	SCM320R6W	SCM320B6W
2P 3W			5h	277	SCM320P5W	SCM320C5W	.57-.71	SCM320R5W	SCM320B5W
2P 3W			7h	480	SCM320P7W	SCM320C7W	.57-.71	SCM320R7W	SCM320B7W
3P 4W			12h	125/250	SCM420P12W	SCM420C12W	.57-.71	SCM420R12W	SCM420B12W
3P 4W			9h	3Ø250	SCM420P9W	SCM420C9W	.57-.71	SCM420R9W	SCM420B9W
3P 4W			7h	3Ø480	SCM420P7W	SCM420C7W	.57-.71	SCM420R7W	SCM420B7W
3P 4W			5h	3Ø600	SCM420P5W	SCM420C5W	.57-.71	SCM420R5W	SCM420B5W
4P 5W			9h	3ØY120/208	SCM520P9W	SCM520C9W	.57-.71	SCM520R9W	SCM520B9W
4P 5W			7h	3ØY277/480	SCM520P7W	SCM520C7W	.57-.71	SCM520R7W	SCM520B7W
4P 5W			5h	3ØY347/600	SCM520P5W	SCM520C5W	.57-.71	SCM520R5W	SCM520B5W

20A - SPLASHPROOF - IP44

2P 3W			4h	125	SCM320P4S	SCM320C4S	.57-.71	SCM320R4S	SCM320B4S
2P 3W			6h	250	SCM320P6S	SCM320C6S	.57-.71	SCM320R6S	SCM320B6S
2P 3W			5h	277	SCM320P5S	SCM320C5S	.57-.71	SCM320R5S	SCM320B5S
3P 4W			12h	125/250	SCM420P12S	SCM420C12S	.57-.71	SCM420R12S	SCM420B12S
3P 4W			9h	3ph.250	SCM420P9S	SCM420C9S	.57-.71	SCM420R9S	SCM420B9S
4P 5W*			9h	3ph.120/208	SCM520P9S	SCM520C9S	.57-.71	SCM520R9S	SCM520B9S

> WATERTIGHT AND SPLASHPROOF PIN AND SLEEVE DEVICES IP67 AND IP44 - 30A

EUREKA-HD Series

UL LISTED
E238171, E238172

UL CLASSIFIED
E238170



(For approvals see page 19)



30A - WATERTIGHT - IP67

Poles & Wires	Configuration			Voltage/ Colour Coding	Plug	Connector	Cable O.D. Range Inches	Receptacle	Inlet
	Receptacle/ Connector	Plug/ Inlet	Clock position						
2P 3W			4h	125	SCM330P4W	SCM330C4W	.675-.91	SCM330R4W	SCM330B4W
2P 3W			6h	250	SCM330P6W	SCM330C6W	.675-.91	SCM330R6W	SCM330B6W
2P 3W			7h	480	SCM330P7W	SCM330C7W	.675-.91	SCM330R7W	SCM330B7W
3P 4W			12h	125/250	SCM430P12W	SCM430C12W	.675-.91	SCM430R12W	SCM430B12W
3P 4W			9h	3Ø250	SCM430P9W	SCM430C9W	.675-.91	SCM430R9W	SCM430B9W
3P 4W			7h	3Ø480	SCM430P7W	SCM430C7W	.675-.91	SCM430R7W	SCM430B7W
3P 4W			5h	3Ø600	SCM430P5W	SCM430C5W	.675-.91	SCM430R5W	SCM430B5W
4P 5W			9h	3ØY120/208	SCM530P9W	SCM530C9W	.675-.91	SCM530R9W	SCM530B9W
4P 5W			7h	3ØY277/480	SCM530P7W	SCM530C7W	.675-.91	SCM530R7W	SCM530B7W
4P 5W			5h	3ØY347/600	SCM530P5W	SCM530C5W	.675-.91	SCM530R5W	SCM530B5W

30A - SPLASHPROOF - IP44

2P 3W			4h	125	SCM330P4S	SCM330C4S	.675-.91	SCM330R4S	SCM330B4S
2P 3W			6h	250	SCM330P6S	SCM330C6S	.675-.91	SCM330R6S	SCM330B6S
2P 3W			5h	277	SCM330P5S	SCM330C5S	.675-.91	SCM330R5S	SCM330B5S
3P 4W			12h	125/250	SCM430P12S	SCM430C12S	.675-.91	SCM430R12S	SCM430B12S
3P 4W			9h	3ph.250	SCM430P9S	SCM430C9S	.675-.91	SCM430R9S	SCM430B9S
4P 5W			9h	3ph.120/208	SCM530P9S	SCM530C9S	.675-.91	SCM530R9S	SCM530B9S

Industrial plugs and sockets >50V

> WATERTIGHT AND SPLASHPROOF PIN AND SLEEVE DEVICES IP67 - 60A

EUREKA-HD Series

UL LISTED
E238171, E238172

UL CLASSIFIED
E238170



(For approvals see page 19)



60A - WATERTIGHT - IP67

Poles & Wires	Configuration			Voltage/ Colour Coding	Plug	Connector	Cable O.D. Range Inches	Receptacle	Inlet
	Receptacle/ Connector	Plug/ Inlet	Clock position						
2P 3W			4h	125	SCM360P4W	SCM360C4W	.937-1.375	SCM360R4W	SCM360B4W
2P 3W			6h	250	SCM360P6W	SCM360C6W	.937-1.375	SCM360R6W	SCM360B6W
2P 3W			5h	277	SCM360P5W	SCM360C5W	.937-1.375	SCM360R5W	SCM360B5W
2P 3W			7h	480	SCM360P7W	SCM360C7W	.937-1.375	SCM360R7W	SCM360B7W
2P 3W			3h	250DC	SCM360P3W	SCM360C3W	.937-1.375	SCM360R3W	SCM360B3W
3P 4W			12h	125/250	SCM460P12W	SCM460C12W	.937-1.375	SCM460R12W	SCM460B12W
3P 4W			9h	3Ø250	SCM460P9W	SCM460C9W	.937-1.375	SCM460R9W	SCM460B9W
3P 4W			7h	3Ø480	SCM460P7W	SCM460C7W	.937-1.375	SCM460R7W	SCM460B7W
3P 4W			5h	3Ø600	SCM460P5W	SCM460C5W	.937-1.375	SCM460R5W	SCM460B5W
4P 5W			9h	3ØY120/208	SCM560P9W	SCM560C9W	.937-1.375	SCM560R9W	SCM560B9W
4P 5W			7h	3ØY277/480	SCM560P7W	SCM560C7W	.937-1.375	SCM560R7W	SCM560B7W
4P 5W			5h	3ØY347/600	SCM560P5W	SCM560C5W	.937-1.375	SCM560R5W	SCM560B5W

> WATERTIGHT AND SPLASHPROOF PIN AND SLEEVE DEVICES IP67 - 100A

EUREKA-HD Series

UL LISTED
E238171, E238172

UL CLASSIFIED
E238170



(For approvals see page 19)



100A - WATERTIGHT - IP67

Poles & Wires	Configuration			Voltage/ Colour Coding	Plug	Connector	Cable O.D. Range Inches	Receptacle	Inlet
	Receptacle/ Connector	Plug/ Inlet	Clock position						
2P 3W			6h	250	SCM3100P6W	*	1.2650-1.790	*	*
2P 3W			7h	480	*	*	1.2650-1.790	*	*
3P 4W			12h	125/250	SCM4100P12W	SCM4100C12W	1.2650-1.790	SCM4100R12W	SCM4100B12W
3P 4W			9h	3Ø250	SCM4100P9W	SCM4100C9W	1.2650-1.790	SCM4100R9W	SCM4100B9W
3P 4W			7h	3Ø480	SCM4100P7W	SCM4100C7W	1.2650-1.790	SCM4100R7W	SCM4100B7W
3P 4W			5h	3Ø600	SCM4100P5W	SCM4100C5W	1.2650-1.790	SCM4100R5W	SCM4100B5W
4P 5W			9h	3ØY120/208	SCM5100P9W	SCM5100C9W	1.2650-1.790	SCM5100R9W	SCM5100B9W
4P 5W			7h	3ØY277/480	SCM5100P7W	SCM5100C7W	1.2650-1.790	SCM5100R7W	SCM5100B7W
4P 5W			5h	3ØY347/600	SCM5100P5W	SCM5100C5W	1.2650-1.790	SCM5100R5W	SCM5100B5W

Industrial plugs and sockets >50V

> INTERNATIONAL RATINGS

EUREKA-HD Series

UL CLASSIFIED
E238170



(For approvals see page 19)



16A IP67

Poles & Wires	Configuration			Voltage/ Colour Coding	Plug	Connector	Cable O.D. Range Inches	Receptacle	Inlet
	Receptacle/ Connector	Plug/ Inlet	Clock position						
2P 3W			4h	110V	SCM316P4W	SCM316C4W	.57-.71	SCM316R4W	SCM316B4W
2P 3W			6h	250V	SCM316P6W	SCM316C6W	.57-.71	SCM316R6W	SCM316B6W
3P 4W			6h	380-415V	SCM416P6W	SCM416C6W	.57-.71	SCM416R6W	SCM416B6W
4P 5W			6h	220-240/ 380-415V	SCM516P6W	SCM516C6W	.57-.71	SCM516R6W	SCM516B6W

32A IP67

2P 3W			4h	110V	SCM332P4W	SCM332C4W	.675-.91	SCM332R4W	SCM332B4W
2P 3W			6h	250V	SCM332P6W	SCM332C6W	.675-.91	SCM332R6W	SCM332B6W
3P 4W			6h	380-415V	SCM432P6W	SCM432C6W	.675-.91	SCM432R6W	SCM432B6W
4P 5W			6h	220-240/ 380-415V	SCM532P6W	SCM532C6W	.675-.91	SCM532R6W	SCM532B6W

16A IP44

2P 3W			4h	110V	SCM316P4S	SCM316C4S	.57-.71	SCM316R4S	SCM316B4S
2P 3W			6h	250V	SCM316P6S	SCM316C6S	.57-.71	SCM316R6S	SCM316B6S
3P 4W			6h	380-415V	SCM416P6S	SCM416C6S	.57-.71	SCM416R6S	SCM416B6S
4P 5W			6h	220-240/ 380-415V	SCM516P6S	SCM516C6S	.57-.71	SCM516R6S	SCM516B6S

32A IP44

2P 3W			4h	110V	SCM332P4S	SCM332C4S	.675-.91	SCM332R4S	SCM332B4S
2P 3W			6h	250V	SCM332P6S	SCM332C6S	.675-.91	SCM332R6S	SCM332B6S
3P 4W			6h	380-415V	SCM432P6S	SCM432C6S	.675-.91	SCM432R6S	SCM432B6S
3P 4W			3h	380-440V	Special Application - Contact Tech Support				
4P 5W			6h	220-240/ 380-415V	SCM532P6S	SCM532C6S	.675-.91	SCM532R6S	SCM532B6S

> INTERNATIONAL RATINGS

EUREKA-HD Series

UL CLASSIFIED
E238170



(For approvals see page 19)



63A IP67

Poles & Wires	Configuration			Voltage/ Colour Coding	Plug	Connector	Cable O.D. Range Inches	Receptacle	Inlet
	Receptacle/ Connector	Plug/ Inlet	Clock position						
2P 3W			6h	250V	SCM363P6W	SCM363C6W	.937-1.375	SCM363R6W	SCM363B6W
3P 4W			6h	380-415V	SCM463P6W	SCM463C6W	.937-1.375	SCM463R6W	SCM463B6W
4P 5W			6h	220-240/ 380-415V	SCM563P6W	SCM563C6W	.937-1.375	SCM563R6W	SCM563B6W

125A IP67

2P 3W			6h	250V	SCM3125P6W	SCM3125C6W	1.265-1.790	SCM3125R6W	SCM3125B6W
3P 4W			6h	380-415V	SCM4125P6W	SCM4125C6W	1.265-1.790	SCM4125R6W	SCM4125B6W
4P 5W			6h	220-240/ 380-415V	SCM5125P6W	SCM5125C6W	1.265-1.790	SCM5125R6W	SCM5125B6W

EUREKA-HD Series

> BACK BOX



Description	HUB size (Inch)	Receptacle	Inlets	Cubic Inch capacity	Packaging	
Size 1 (small)	1	16/20A - 32/30A	-	30	1/10	SCMBB01
Size 2 (medium)	1 ¼	63/60A	16/20A - 32/30A - 63/60A	75	1/10	SCMBB02
Size 3 (large)	1 ½	125/100A	125/100A	120	1/5	SCMBB03

Notes:
- Internal grounding plate provided
- HUB is not included

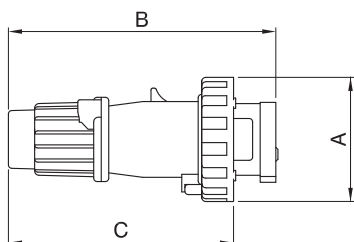
> CLOSURE CAPS



Description	Packaging	
16/20A - 2P+E	10/100	570.90163
16/20A - 3P+E	10/100	570.90164
16/20A - 3P+N+E	10/100	570.90165
32/30A - 2P+E & 3P+E	10/100	570.90324
32/30A - 3P+N+E	10/100	570.90325
63/60A - all polarity	1/10	570.9063
125/100A - all polarity	1/10	570.9125

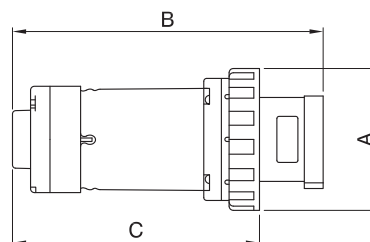
Available April 2010

> DIMENSIONS



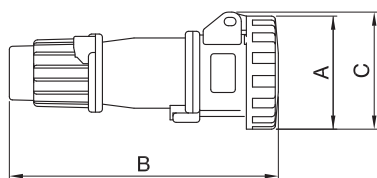
PLUG IP67 16/20A AND 30/32A

	A		B		C		Corp grip range	
	inches	mm	inches	mm	inches	mm		
16/20A 2P3W	2,87	73	6,20	157	5,23	133	570-710	14-18
16/20A 3P4W	3,17	81	6,47	164	5,51	140	570-710	14-18
16/20A 4P5W	3,48	88	7,02	178	6,06	154	570-710	14-18
30/32A 2P3W	3,66	93	7,37	187	6,13	156	675-910	17-23
30/32A 3P4W	3,66	93	7,37	187	6,13	156	675-910	17-23
30/32A 4P5W	3,96	101	8,15	207	6,91	176	675-910	17-23



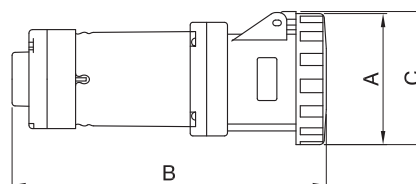
PLUG IP67 60/63A AND 100/125A

	A		B		C		Corp grip range	
	inches	mm	inches	mm	inches	mm		
60/63A 2P3W	4,41	112	9,68	246	7,67	195	937-1,375	24-35
60/63A 3P4W	4,41	112	9,68	246	7,67	195	937-1,375	24-35
60/63A 4P5W	4,41	112	9,68	246	7,67	195	937-1,375	24-35
100/125A 3P4W	5,06	129	12,16	309	9,83	250	1,265-1,790	32-45
100/125A 4P5W	5,06	129	12,16	309	9,83	250	1,265-1,790	32-45



CONNECTOR IP67 16/20A AND 30/32A

	A		B		C		Corp grip range	
	inches	mm	inches	mm	inches	mm		
16/20A 2P3W	2,87	73	6,75	171	2,97	75	570-710	14-18
16/20A 3P4W	3,17	81	7,04	179	3,28	83	570-710	14-18
16/20A 4P5W	3,48	88	7,62	194	3,75	95	570-710	14-18
30/32A 2P3W	3,66	93	8,04	204	4,04	103	675-910	17-23
30/32A 3P4W	3,66	93	8,04	204	4,04	103	675-910	17-23
30/32A 4P5W	3,96	101	8,83	224	4,03	102	675-910	17-23



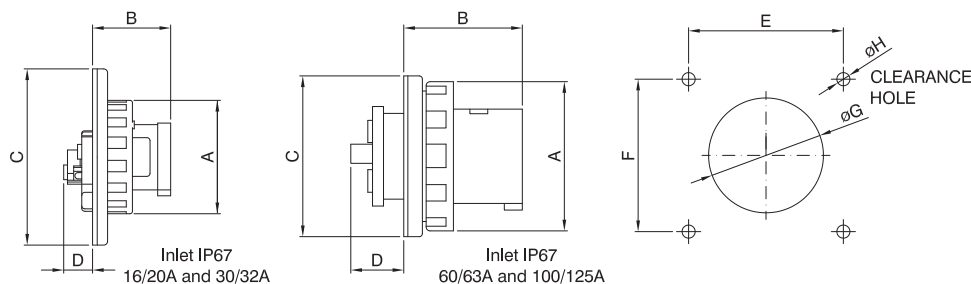
CONNECTOR IP67 60/63A AND 100/125A

	A		B		C		Corp grip range	
	inches	mm	inches	mm	inches	mm		
60/63A 2P3W	4,41	112	10,52	267	4,47	114	937-1,375	24-35
60/63A 3P4W	4,41	112	10,52	267	4,47	114	937-1,375	24-35
60/63A 4P5W	4,41	112	10,52	267	4,47	114	937-1,375	24-35
100/125A 3P4W	5,06	129	12,80	325	5,06	129	1,265-1,790	32-45
100/125A 4P5W	5,06	129	12,80	325	5,06	129	1,265-1,790	32-45

(Dimensions in mm)

EUREKA-HD Series

> DIMENSIONS

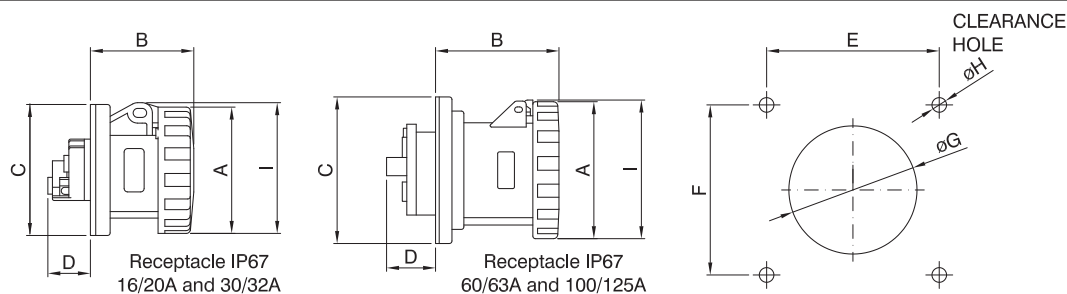


INLET IP67 16/20A AND 30/32A

	A		B		C		D		E		F		G		H	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
16/20A 2P3W	2,87	73	1,96	50	4,50	114	,75	19	3,87	98	3,87	98	2,38	60	,282	7,2
16/20A 3P4W	3,17	81	1,96	50	4,50	114	,75	19	3,87	98	3,87	98	2,38	60	,282	7,2
16/20A 4P5W	3,48	88	1,96	50	4,50	114	,75	19	3,87	98	3,87	98	2,38	60	,282	7,2
30/32A 2P3W	3,66	93	2,32	59	4,50	114	1,32	34	3,87	98	3,87	98	2,38	60	,282	7,2
30/32A 3P4W	3,66	93	2,32	59	4,50	114	1,32	34	3,87	98	3,87	98	2,38	60	,282	7,2
30/32A 4P5W	3,96	101	2,32	59	4,50	114	1,32	34	3,87	98	3,87	98	2,38	60	,282	7,2

INLET IP67 60/63A AND 100/125A

	A		B		C		D		E		F		G		H	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
60/63A 2P3W	4,41	112	3,44	87	4,50	114	1,68	43	3,87	98	3,87	98	3,25	83	,282	7,2
60/63A 3P4W	4,41	112	3,44	87	4,50	114	1,68	43	3,87	98	3,87	98	3,25	83	,282	7,2
60/63A 4P5W	4,41	112	3,44	87	4,50	114	1,68	43	3,87	98	3,87	98	3,25	83	,282	7,2
100/125A 3P4W	5,06	129	3,88	99	5,50	140	1,94	49	4,87	124	4,87	124	3,75	95	,282	7,2
100/125A 4P5W	5,06	129	3,88	99	5,50	140	1,94	49	4,87	124	4,87	124	3,75	95	,282	7,2



RECEPTACLE IP67 16/20A AND 30/32A

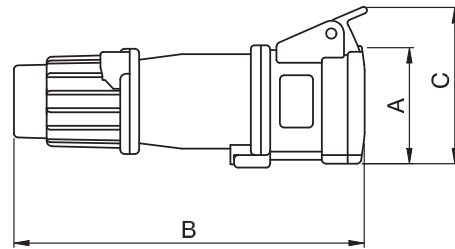
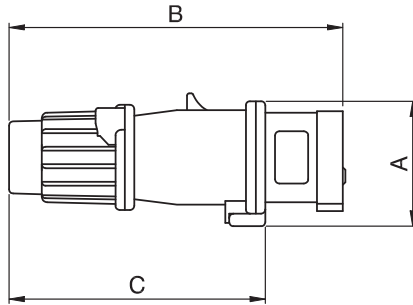
	A		B		C		D		E		F		G		H		I
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	mm
16/20A 2P3W	2,87	73	2,32	59	2,97	,76	,94	24	2,36	60	2,36	60	2,38	60	,219	5,5	2,97 75
16/20A 3P4W	3,17	81	2,34	60	2,97	,76	,94	24	2,36	60	2,36	60	2,38	60	,219	5,5	3,28 83
16/20A 4P5W	3,48	88	2,37	60	2,97	,76	,94	24	2,36	60	2,36	60	2,38	60	,219	5,5	3,75 95
30/32A 2P3W	3,66	93	2,79	71	2,97	,76	1,52	39	2,36	60	2,36	60	2,38	60	,219	5,5	4,04 103
30/32A 3P4W	3,66	93	2,79	71	2,97	,76	1,52	39	2,36	60	2,36	60	2,38	60	,219	5,5	4,04 103
30/32A 4P5W	3,96	101	2,81	71	2,97	,76	1,52	39	2,36	60	2,36	60	2,38	60	,219	5,5	4,03 102

RECEPTACLE IP67 60/63A AND 100/125A

	A		B		C		D		E		F		G		H		I
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	mm
60/63A 2P3W	4,41	112	4,16	106	4,50	114	1,68	43	3,87	98	3,87	98	3,25	83	,282	7,2	4,47 114
60/63A 3P4W	4,41	112	4,16	106	4,50	114	1,68	43	3,87	98	3,87	98	3,25	83	,282	7,2	4,47 114
60/63A 4P5W	4,41	112	4,16	106	4,50	114	1,68	43	3,87	98	3,87	98	3,25	83	,282	7,2	4,47 114
100/125A 3P4W	5,06	129	4,52	115	5,50	140	1,94	49	4,87	124	4,87	124	3,75	95	,282	7,2	5,06 129
100/125A 4P5W	5,06	129	4,52	115	5,50	140	1,94	49	4,87	124	4,87	124	3,75	95	,282	7,2	5,06 129

(Dimensions in mm)

> DIMENSIONS

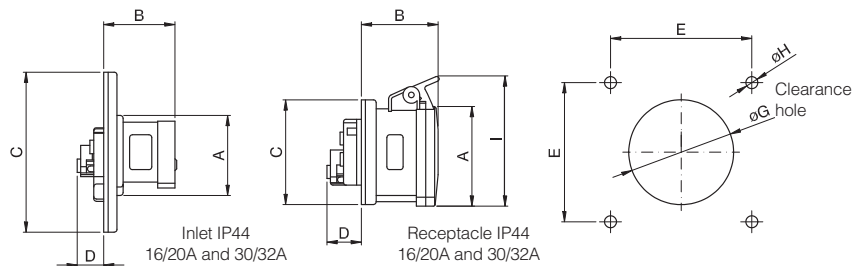


PLUG IP44

	A		B		C		Corp Grip Range	
	inches	mm	inches	mm	inches	mm	inches	mm
16/20A 2P3W	2,26	58	6,20	157	4,76	121	,570-.710	14-18
16/20A 3P4W	2,52	64	6,47	164	5,04	128	,570-.710	14-18
16/20A 4P5W	2,85	73	7,02	178	5,58	142	,570-.710	14-18
30/32A 2P3W	2,85	73	7,37	187	5,58	142	,675-.910	17-23
30/32A 3P4W	2,85	73	7,37	187	5,58	142	,675-.910	17-23
30/32A 4P5W	3,13	80	8,15	207	6,36	162	,675-.910	17-23

PLUG IP44

	A		B		C		Corp Grip Range	
	inches	mm	inches	mm	inches	mm	inches	mm
16/20A 2P3W	2,18	55	6,53	166	3,07	73	,570-.710	14-18
16/20A 3P4W	2,43	62	6,83	173	3,33	80	,570-.710	14-18
16/20A 4P5W	2,81	71	7,41	188	3,79	91	,570-.710	14-18
30/32A 2P3W	2,81	71	7,81	198	3,79	91	,675-.910	17-23
30/32A 3P4W	2,81	71	7,81	188	3,79	91	,675-.910	17-23
30/32A 4P5W	3,09	79	8,62	219	4,17	101	,675-.910	17-23



INLET IP44

	A		B		C		D		E		F		G		H	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
16/20A 2P3W	2,26	58	1,96	50	4,50	114	,75	19	3,87	98	3,87	98	2,38	60	,282	7,2
16/20A 3P4W	2,52	64	1,96	50	4,50	114	,75	19	3,87	98	3,87	98	2,38	60	,282	7,2
16/20A 4P5W	2,85	73	1,96	50	4,50	114	,75	19	3,87	98	3,87	98	2,38	60	,282	7,2
30/32A 2P3W	2,85	73	2,32	59	4,50	114	1,32	34	3,87	98	3,87	98	2,38	60	,282	7,2
30/32A 3P4W	2,85	73	2,32	59	4,50	114	1,32	34	3,87	98	3,87	98	2,38	60	,282	7,2
30/32A 4P5W	3,13	80	2,32	59	4,50	114	1,32	34	3,87	98	3,87	98	2,38	60	,282	7,2

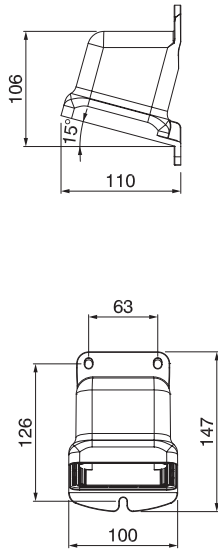
RECEPTACLE IP44

	A		B		C		D		E		F		G		H		I	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
16/20A 2P3W	2,18	55	2,11	54	2,97	76	0,94	24	2,36	60	2,36	60	2,38	60	,219	5,5	3,07	73
16/20A 3P4W	2,43	62	2,13	54	2,97	76	0,94	24	2,36	60	2,36	60	2,38	60	,219	5,5	3,33	80
16/20A 4P5W	2,81	71	2,17	55	2,97	76	0,94	24	2,36	60	2,36	60	2,38	60	,219	5,5	3,79	91
30/32A 2P3W	2,81	71	2,56	65	2,97	76	1,52	39	2,36	60	2,36	60	2,38	60	,219	5,5	3,79	91
30/32A 3P4W	2,81	71	2,56	65	2,97	76	1,52	39	2,36	60	2,36	60	2,38	60	,219	5,5	3,79	91
30/32A 4P5W	3,09	79	2,60	66	2,97	76	1,52	39	2,36	60	2,36	60	2,38	60	,219	5,5	4,17	101

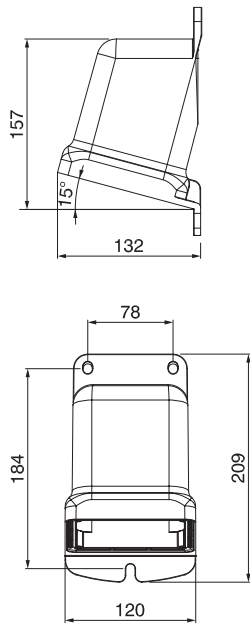
EUREKA-HD Series

> DIMENSIONS

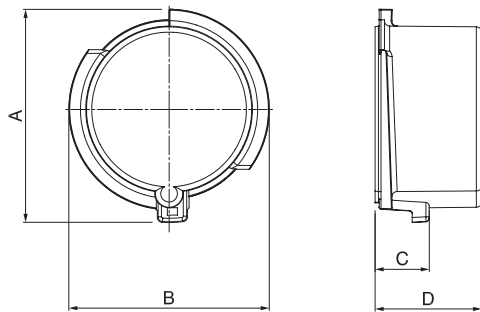
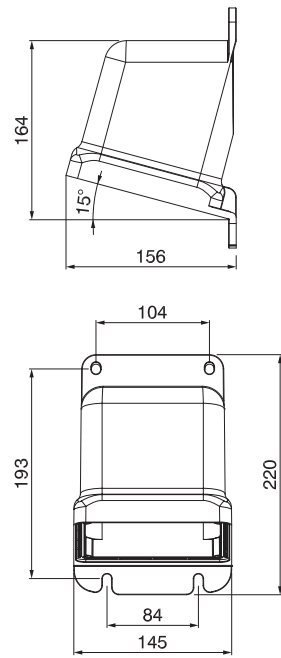
SCMBB01



SCMBB02



SCMBB03



	A	B	C	D
570.90163	64	60	20	40
570.90164	72	68	20	40
570.90165	81	76	20	40
570.90324	85	82	22	50
570.90325	93	89	22	50
570.9063	99	96	25	71
570.9125	113	109	25	79

(Dimensions in mm)

> LEGEND

UL LISTED
E238171, E238172UL CLASSIFIED
E238170**20A - IP67**

SCM320P4W
SCM320P6W
SCM320P5W
SCM320P7W
SCM420P12W
SCM420P9W
SCM420P7W
SCM420P5W
SCM520P9W
SCM520P7W
SCM520P5W
SCM320C4W
SCM320C6W
SCM320C5W
SCM320C7W
SCM420C12W
SCM420C9W
SCM420C7W
SCM420C5W
SCM520C9W
SCM520C7W
SCM520C5W
SCM320R4W
SCM320R6W
SCM320R5W
SCM320R7W
SCM420R12W
SCM420R9W
SCM420R7W
SCM420R5W
SCM520R9W
SCM520R7W
SCM520R5W

20A - IP44

SCM320P4S
SCM320P6S
SCM320P5S
SCM420P12S
SCM420P9S
SCM520P9S
SCM320C4S
SCM320C6S
SCM320C5S
SCM420C12S
SCM420C9S
SCM520C9S
SCM320R4S
SCM320R6S
SCM320R5S

SCM420R12S
SCM420R9S
SCM520R9S

30A - IP67

SCM330P4W
SCM330P6W
SCM330P7W
SCM430P12W
SCM430P9W
SCM430P7W
SCM430P5W
SCM530P9W
SCM530P7W
SCM530P5W
SCM330C4W
SCM330C6W
SCM330C7W
SCM430C12W
SCM430C9W
SCM430C7W
SCM430C5W
SCM530C9W
SCM530C7W
SCM530C5W
SCM330R4W
SCM330R6W
SCM330R7W
SCM430R12W
SCM430R9W
SCM430R7W
SCM430R5W
SCM530R9W
SCM530R7W
SCM530R5W

30A - IP44

SCM330P4S
SCM330P6S
SCM430P12S
SCM430P9S
SCM530P9S
SCM330C4S
SCM330C6S
SCM430C12S
SCM430C9S
SCM530C9S
SCM330R4S
SCM330R6S
SCM430R12S
SCM430R9S
SCM530R9S

60A - IP67

SCM360P4W
SCM360P6W
SCM360P5W
SCM360P7W
SCM360P3W
SCM460P12W
SCM460P9W
SCM460P7W
SCM460P5W
SCM560P9W
SCM560P7W
SCM560P5W
SCM360C4W
SCM360C6W
SCM360C5W
SCM360C7W
SCM360C3W
SCM460C12W
SCM460C9W
SCM460C7W
SCM460C5W
SCM560C9W
SCM560C7W
SCM560C5W
SCM360R4W
SCM360R6W
SCM360R5W
SCM360R7W
SCM360R3W
SCM460R12W
SCM460R9W
SCM460R7W
SCM460R5W
SCM560R9W
SCM560R7W
SCM560R5W

100A - IP67

SCM3100P6W
SCM4100P12W
SCM4100P9W
SCM4100P7W
SCM4100P5W
SCM5100P9W
SCM5100P7W
SCM5100P5W
SCM4100C12W
SCM4100C9W
SCM4100C7W
SCM4100C5W
SCM5100C9W
SCM5100C7W
SCM5100C5W

SCM4100R12W
SCM4100R9W
SCM4100R7W
SCM4100R5W
SCM5100R9W
SCM5100R7W
SCM5100R5W

**20A - IP67**

SCM320B4W
SCM320B6W
SCM320B5W
SCM320B7W
SCM420B12W
SCM420B9W
SCM420B7W
SCM420B5W
SCM520B9W
SCM520B7W
SCM520B5W

20A - IP44

SCM320B4S
SCM320B6S
SCM320B5S
SCM420B12S
SCM420B9S
SCM520B9S

30A - IP67

SCM330B4W
SCM330B6W
SCM330B7W
SCM430B12W
SCM430B9W
SCM430B7W
SCM430B5W
SCM530B9W
SCM530B7W
SCM530B5W

30A - IP44

SCM330B4S
SCM330B6S
SCM330B5S
SCM330P5S
SCM330C5S
SCM330R5S
SCM430B12S
SCM430B9S
SCM530B9S

60A - IP67

SCM360B4W
SCM360B6W
SCM360B5W
SCM360B7W
SCM360B3W
SCM460B12W
SCM460B9W
SCM460B7W
SCM460B5W
SCM560B9W
SCM560B7W
SCM560B5W

100A - IP67

SCM4100B12W
SCM4100B9W
SCM4100B7W
SCM4100B5W
SCM5100B9W
SCM5100B7W
SCM5100B5W

**16A - IP67**

SCM316P4W
SCM316P6W
SCM416P6W
SCM516P6W
SCM316C4W
SCM316C6W
SCM416C6W
SCM516C6W
SCM316R4W
SCM316R6W
SCM416R6W
SCM516R6W

32A - IP67

SCM332P4W
SCM332P6W
SCM432P6W
SCM532P6W
SCM332C4W
SCM332C6W
SCM432C6W
SCM532C6W
SCM332R4W
SCM332R6W
SCM432R6W
SCM532R6W

16A - IP44

SCM316P4S
SCM316P6S
SCM416P6S
SCM516P6S
SCM316C4S
SCM316C6S
SCM416C6S
SCM516C6S
SCM316R4S
SCM316R6S
SCM416R6S
SCM516R6S

32A - IP44

SCM332P4S
SCM332P6S
SCM432P6S
SCM532P6S
SCM332C4S
SCM332C6S
SCM432C6S
SCM532C6S
SCM332R4S
SCM332R6S
SCM432R6S
SCM532R6S

63A - IP67

SCM363P6W
SCM463P6W
SCM563P6W
SCM363C6W
SCM463C6W
SCM563C6W
SCM363R6W
SCM463R6W
SCM563R6W

125A - IP67

SCM3125P6W
SCM4125P6W
SCM5125P6W
SCM3125C6W
SCM4125C6W
SCM5125C6W
SCM3125R6W
SCM4125R6W
SCM5125R6W

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