

rocker switches



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rocker switches

A1 WEATHER-RESISTANT ROCKER SWITCHES

Sealed Switches with Pilot Lights

25A at 12V DC. LED or incandescent. These general purpose switches are suitable for many kinds of applications. They are weather-resistant with contact areas sealed to IP66 (high pressure wash resistant). Switches snap into standard rocker switch holes 1.45" x 0.08" (36.8 x 21.1mm) in panels from 0.09" to 0.19" thick (2.4 x 4.7mm). Pilot lights are independent or dependent, as noted. They have silver contacts, which give superior switching performance. Housing is matte black.

Wiring your switch: There are up to 6 terminals on this switch series. Identify each type of switch by matching it with the appropriate wiring diagram in each section. Diagrams represent the switch as seen from the back. Dotted lines indicate the internal connections of the pilot light(s).

LED Wide Lens 58312 Series

These have bright LED illumination with high-visibility wrap-around lenses. Corrosion-resistant nickel-plated brass blade terminals provide good electrical contact. For switches without pilot lights see 58311 series on page 3.

**NEW
LED**



Dependent/Independent

Dependent pilot light is On when the switch is actuated and the load is energized. Independent pilot is turned On by an external switch, with load either On or Off.

★ Rapid ship item. BP Available in retail clamshell pack. ★ Minimum order quantity may apply. Part numbers needed in BOX require a -BX suffix on the purchase order.

A rocker switches

A1 WEATHER-RESISTANT ROCKER SWITCHES

Regular Lens 58328 Series

These have incandescent illumination and brass blade terminals. The BP kits come with a selection of snap-in lenses. For switches without pilot lights see 58027 series on page 3.



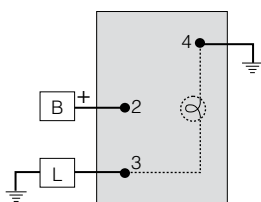
Small Lens 56327/58327 Series

These are identical to 58328 series with incandescent bulbs, but they have one or two small circular lenses. 56327 series has brass screw terminals, 58327 series has brass blade terminals. For switches without pilot lights see page 3.



SPST On-Off, Dependent

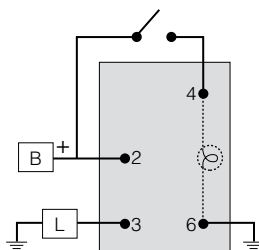
Single Pole, Single Throw, with dependent illumination. Three blade terminals.



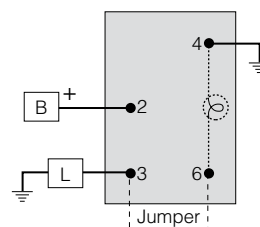
Lens color	LED wide lens	Incandescent
Red	58312-R4	58328-04 56327-01 58327-01
Green	58312-G4	58328-11
Clear	58312-C4	58328-12
Amber	58312-A4	58328-13
One lens of each color	—	58328-100BP

SPST On-Off, Independent

Single Pole, Single Throw, with independent illumination. Four blade terminals. To convert an independent switch to dependent, connect a jumper wire between terminals 3 and 6, and ground terminal 4 as shown.



Independent

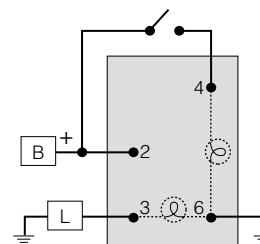


Independent converted with jumper wire to dependent

Lens color	LED wide lens	Incandescent
Red	58312-R2	58328-01
Green	58312-G2	58328-02
Amber	—	56328-10
One lens of each color	—	58328-101BP

SPST On-Off, Two Pilots, Dependent and Independent

Single Pole, Single Throw. Four blade terminals.



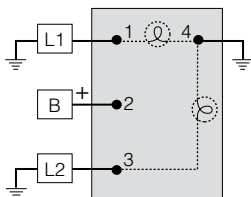
Lens color	LED wide lens	Incandescent
Red Red	—	58328-40
Green Amber	—	58328-47
Red Green	—	58328-49
Lenses of each color	—	58328-104BP

Rapid ship item. Available in retail clamshell pack. Minimum order quantity may apply. Part numbers needed in BOX require a -BX suffix on the purchase order.

A1 WEATHER-RESISTANT ROCKER SWITCHES

SPDT On-On, Two Pilots, Dependent

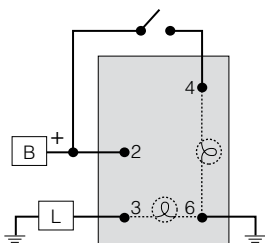
Single Pole, Double Throw. Both pilots are dependent illumination. Four blade terminals.



Lens color	LED wide lens	Incandescent
Green Green	—	58328-08
Red Red	58312-RR2	58328-16, 58327-06
Red Green	—	56328-22
Lenses of each color	—	58328-102BP ^{BP}

SPDT On-Off-On, Two Pilots, Dependent and Independent

Four blade terminals.



Lens color	LED wide lens	Incandescent
Red Clear	—	58328-06
Green Green	—	58328-25
Red Red	58312-RR	58328-26, 58327-06
Amber Green	—	58328-33
Amber Red	58312-AR	58328-35
Red Green	—	56328-36
One lens of each color & size	—	58328-103BP ^{BP}

Sealed Switches without Pilots

25A at 12V DC, 15A at 24V DC. General specifications are the same as for the preceding 'Sealed Switches with Pilot Lights'. Sealed to IP66 for water resistance. (high pressure wash.)

58311 Series

These match the 'LED Wide Lens 58312 Series' on page 1. Nickel-plated brass blade terminals.



58027 Series

These match the 'Regular Lens 58328 Series' on page 2. Brass blade terminals.



56327/58327 Series

These match the 'Small Lens 58328 Series' on page 2. 56 Series has brass screw terminals, 58 Series has brass blade terminals.



A rocker switches

A1 WEATHER-RESISTANT ROCKER SWITCHES

SPST On-Off

Single Pole, Single Throw. Two Terminals.

56027-01 On-Off **BP** ★

58027-01 On-Off ★

58311-01 On-Off

58027-02 Mom On-Off **BP** ★

58311-02 Mom On-Off

SPDT On-Off-On

Single Pole, Double Throw. Three Terminals.

58027-03 On-Off-On **BP** ★

58311-03 On-Off-On

58027-04 Mom On-Off-Mom On **BP** ★

58311-04 Mom On-Off-Mom On

DPST On-Off

Double Pole, Single Throw. Four Terminals.

58027-06 On-Off

58311-06 On-Off

DPDT Ignition-Start

Double Pole, Double Throw. Four Terminals.

58022-03 Mom On-On-Mom Off

Suitable for use as an ignition switch. Blade terminals. Differs from 58327 series by having a glossy black finish.

58311-13* Mom On-On-Off

58311-11 On-Off-On

DPDT On-On and On-Off-On

Double Pole, Double Throw. Six Terminals.

58027-08 On-On

58311-08 On-On

58027-07 On-Off-On **BP** ★

58311-07 On-Off-On

58027-11 Mom On-Off-Mom On

DPDT Forward & Reverse

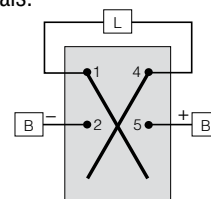
Double Pole, Double Throw. Four Terminals.

58027-18

Mom On-Off-Mom On

58311-18

Mom On-Off-Mom On

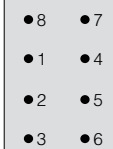


Sealed 58031 & 58332 Series

20A at 12V, 15A at 24V DC. Switches with LED pilot lights must be used at the stated voltage only. M-58031 switches have a black actuator; 58332 switches are supplied in retail BP only and are supplied with one black and one gray snap-on actuator. These general-purpose switches are suitable for all kinds of applications. They are weather-resistant with contact areas sealed to IP66 (high pressure wash-resistant). Switches are uniform with Round Pilot Light series of switches and are recognized at UL 1500 (Ignition protection for marine products). With neoprene gasket/panel seal. These switches conveniently snap into a standard rectangular mounting hole 1.48" x 0.83" (36.8 x 21.1mm) in panels from 0.09" to 0.19" thick (2.4 x 4.7mm). Plastic housing, bezel and actuator. Silver contacts, Brass blade terminals. Imprinting available.



Wiring your switch: There are up to 8 terminals on this series of switches. Identify each type of switch by matching it with the appropriate wiring diagram in each section. Diagrams represent the switch as seen from the back.



SPST

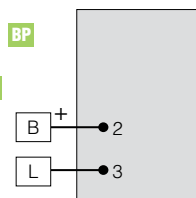
Single Pole, Single Throw. Two Blade Terminals.

M-58031-01 SPST On-Off **BP**

M-58031-07BP SPST Mom On-Off **BP**

58332-20BP SPST Mom On-Off **BP**

M-58031-07 BP and 58332-20 BP are available in BP only.



SPST On-Off

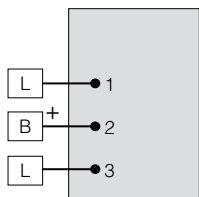
★ Rapid ship item. **BP** Available in retail clamshell pack. ★ Minimum order quantity may apply. Part numbers needed in BOX require a -BX suffix on the purchase order.

A1 WEATHER-RESISTANT ROCKER SWITCHES

SPDT

Single Pole, Double Throw.
Three Blade Terminals.

M-58031-02BP SPDT
On-Off-On **BP**



SPDT On-Off-On

58332-21BP SPDT
On-Off-On Amber, 24V **BP**
Two amber LED pilot lights.

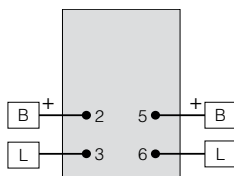
58332-22BP SPDT Mom On-Off-Mom On **BP**

58332-23BP SPDT On-Off-Mom On, Amber, 24V **BP**
One amber LED pilot light. Recommended for use with 48513 Compact Low Voltage Disconnect. See page 98.

58332-24BP SPDT Mom On-Off-Mom On **BP**
Mom On 2&3-Off-Mom On 1&2.

DPST

Double Pole, Single Throw.
Four Blade Terminals.



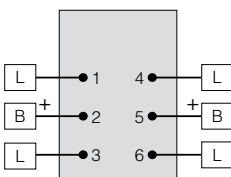
M-58031-04BP DPST On-Off **BP**

58332-28BP DPST Mom On-Off **BP** DPST On-Off

58332-29BP DPST On-Off, Amber 24V **BP**
One amber pilot light.

DPDT

Double Pole, Double Throw.
Six Blade Terminals.



M-58031-05 DPDT On-Off-On

M-58031-06 DPDT On-On

M-58031-09 DPDT
Mom On-Off-Mom On

58332-25BP DPDT On-Off-Mom On, Amber 24V **BP**
One amber LED pilot light. Pilot connects internally between terminals 4 & 6.

58332-26BP DPDT On-Off-On, Amber 24V **BP**
Two amber LED pilot lights. Pilot 1 connects internally between terminals 3 & 7, Pilot 2 between 1 & 7.

58332-27BP DPDT Mom On-Off-Mom On **BP**

8-Terminal Switches

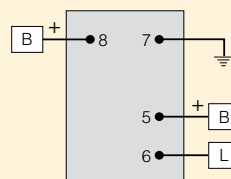


Diagram L

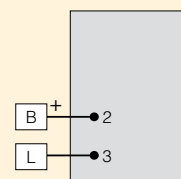


Diagram Q

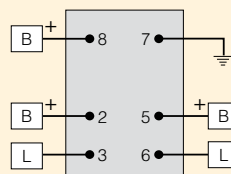


Diagram M

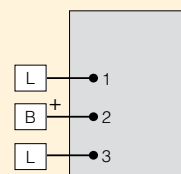


Diagram R

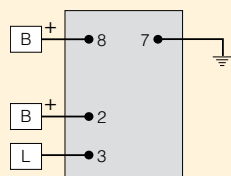


Diagram N

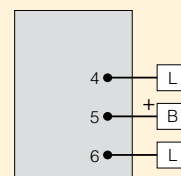


Diagram S

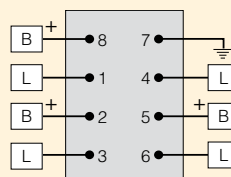


Diagram O

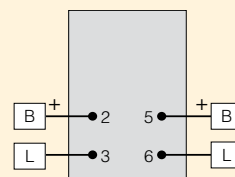


Diagram T

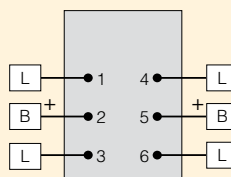


Diagram P

A rocker switches

A2 MILLIAMP ROCKER SWITCHES

58500 Milliamp Rocker Switches

Compatible with microprocessor-based electrical/electronic systems, the Milliamp Rocker switch is a low-current membrane switch with a user-friendly conventional rocker switch feel. Complete with reliable LED backlighting. Water-resistant switch is suitable for marine, off-highway or adverse conditions.

Readily customizable silicone rubber actuator can be customized by Cole Hersee at low cost, utilizing laser etching. Options include different colors, custom imprint and graphics and shape, color and location of LED lens.



Specifications:

Accepts a standard Molex connector or pin x 0.025" square pin x 0.100" centers connector.

LED power source: 5V DC.

Maximum contract rating: 30mA at 24V DC.

Operating temperature range: -40° C to 85°C

Designed to meet SAE J1455 environmental standard.

Fits standard panel opening: 1.734" x 0.867" (44.0 x 22.0mm), and panel thickness of 0.032" to 0.187" (0.80 to 4.75mm).

40205 Milliamp Switch with Alarm

Uniform with the Milliamp Switch 58500, the Alarm Switch features a highly audible warning signal all contained in a standard rocker switch package. Momentary switch provides a convenient user interface:

Alarm condition override (snooze feature).

Remote input to system controller (ECU).

Remote maintenance reset switch.

The alarm switch can indicate status of various inputs such as door ajar, high/low pressure, high/low temperature, on-off status, and many other applications, as well as providing alarm and override for the Cole Hersee SureStart™ Low Voltage Disconnect Switches 48510 and 48512.



Specifications:

Same as 58500 Milliamp Rocker, except-

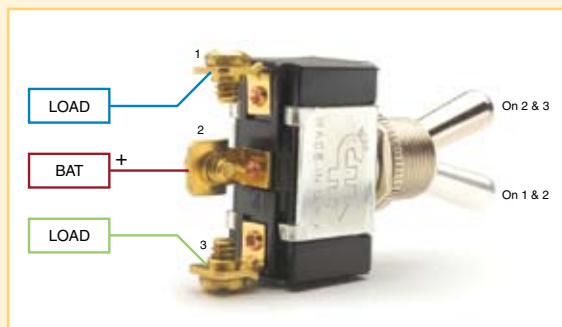
Wire Leads: GXL wire, 18AWG (0.80mm sq) x 6" long (152.4mm).

LED power source: 5V or 12 V DC.

Alarm power source: 12V DC.

SPST, DPDT?

Understand what these electrical descriptions mean. See page 28.



Saves Batteries



No more dead batteries! Low Voltage Disconnect Switches automatically disconnect non-critical loads when battery voltage is low; automatically reconnect when battery is being charged. See page 98.

★ Rapid ship item. BP Available in retail clamshell pack. ★ Minimum order quantity may apply. Part numbers needed in BOX require a -BX suffix on the purchase order.

A3 STANDARD SERIES, PLASTIC BEZEL

25A at 12V DC. Moisture-resistant plastic housings, bezels and actuators. Glossy finish actuators and bezels except where noted. Snap-in mounting to fit panels .060" through .250" (1.5mm to 6.4mm). Silver contacts, brass blade or screw terminals. White actuators except where otherwise indicated. Fits standard panel hole .83" x 1.45" (21.1 x 36.8mm).

SPST

56000-08 On-Off

Two screw terminals. Diagram A.

57000-23 On-Off

Two blade terminals. Diagram A.

56001-04 Mom On-Off

Two screw terminals. Diagram A.

56300-14 On-Off, With Pilot

Three screw-terminals. Red pilot light inside the actuator. Pilot is rated for 12V DC. Diagram A except ground is terminal 6.

57300-22 On-Off, With Pilot

Three blade terminals. Red pilot light inside the actuator. Pilot is rated for 12V DC. Diagram A except ground is terminal 6.

57000-33 On-Off, Red Actuator

Typically used for a safety switch. Two blade terminals. Diagram A.

57001-15 Mom On-Off

Two blade terminals. Diagram A.

58034-07 On-Off, Yellow Actuator

State of Florida requirement for school buses. Two blade terminals. Matte Finish. Diagram A.

SPDT

56003-03 On-Off-On

Three screw terminals. Diagram B.

57003-16 On-Off On

Three blade terminals. Diagram B.

56012-04 Mom On-Off- Mom On

Three screw terminals. Diagram B.

57004-10 Mom On-Off- Mom On

Three blade terminals. Diagram B.

DPST

56009-03 On-Off

Four screw terminals. Diagram C.

DPDT

56006-04 On-Off- Mom On

Six screw terminals. Diagram D.

56013-03 Mom On-Off- Mom On

Six screw terminals. Diagram D.

57005-11 On-On

Six blade terminals. Diagram D.

57006-07 On-Off-On

Six blade terminals. Diagram D.

57008-08 Off-On-On

Headlamp switch. Five blade terminals. Diagram B.

57013-08 Mom-On-Off-Mom On

Six blade terminals. Diagram D.

57014-03 Mom On-Off-Mom On

Four blade terminals. Sealed. Reversing switch. See diagram below.

Reversing Polarity Switches

For changing the direction of permanent magnet motors.

Sealed Rocker Switches (Section A)

57014-03 Mom On - Off - Mom On

58027-18 Mom On - Off - Mom On

Toggle Switches (Section B)

55018-01 On-On

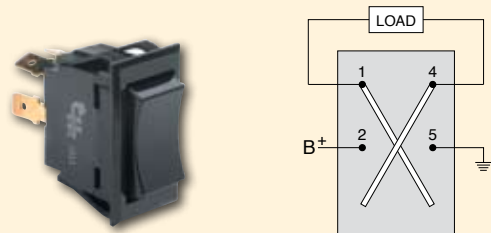
55046 Mom On - Off - Mom On

55046-06 Mom On - Off - Mom On

Rotary Switches (Section D)

90005-03 Mom On - Off - Mom On

90005-01 Mom On - Off - Mom On. Keyed



A rocker switches

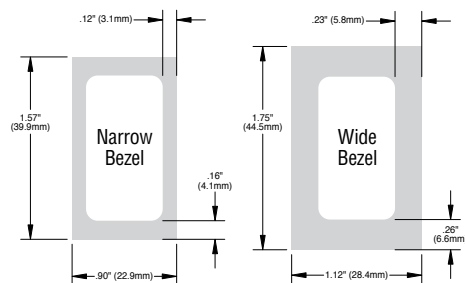
A4 STANDARD SERIES, METAL BEZEL

Single and Double Pole. Universal application. Bright nickel plate or black bezel, narrow or wide. Plastic housing and actuator. Snap-in to fit panels .040" through .100: (1.0 to 2.5mm). Screw or blade terminals. 25A at 12V DC. Circuit diagrams, see page 13.



White actuator, bright bezel

Black actuator, black bezel



SPST

Narrow Bezel

56000-01 On-Off

White actuator, bright bezel. Up: On, Down: Off, two screw terminals.

56000-04 On-Off

Black actuator, bright bezel. Up: On, Down: Off, two screw terminals.

57000-01 On-Off

White actuator, bright bezel. Up: On, Down: Off, two blade terminals.

57000-04 On-Off

Black actuator, black bezel, Up: On, Down: Off, two blade terminals.

57000-10 On-Off, Imprinted

Black actuator, black bezel, Up: On, Down: Off, two blade terminals. imprinted "On, Off"

56001-01 Mom On -Off

White actuator, bright bezel. Up: Mom On, Down: Off, two screw terminals.

57001-01 Mom On -Off

White actuator, bright bezel. Up: Mom On, Down: Off, two blade terminals.

57001-04 Mom On -Off

Black actuator, black bezel, Up: Mom On, Down: Off, two blade terminals.

57001-09 Mom On - Off, Imprinted

White actuator, black bezel. Up: Mom On, Down: Off, two blade terminals. Imprinted "On, Off"

Wide Bezel

56000-02 On-Off

White actuator, bright bezel. Up: On, Down: Off, two screw terminals.

57000-02 On-Off

White actuator, bright bezel. Up: On, Down: Off, two blade terminals.

SPST with Pilot Light



Narrow Bezel



Wide Bezel

Narrow Bezel

56300-01 On-Off

White actuator, bright bezel. Red dependent pilot light. Up: On, Down: Off, three screw terminals. Diagram F.

56300-11 On-Off

White actuator, bright bezel. Amber dependent pilot light. Up: On, Down: Off, three screw terminals. Diagram F.

57300-01 On-Off

White actuator, bright bezel. Red dependent pilot light. Up: On, Down: Off, three blade terminals. Diagram F.

57300-03 On-Off

Black actuator, bright bezel. Red dependent pilot light. Up: On, Down: Off, three blade terminals. Diagram F.

57300-11 On-Off, Imprinted

White actuator, black bezel. Red dependent pilot light. Up: On, Down: Off, four blade terminals. Imprinted "On, Off". Diagram G1.

Wide Bezel

56300-02 On-Off

White actuator, bright bezel. Red independent pilot light. Up: On, Down: Off, three screw terminals. Diagram F.

56300-08 On-Off

White actuator, bright bezel. Green dependent pilot light. Up: On, Down: Off, three screw terminals. Diagram F.

A4 STANDARD SERIES, METAL BEZEL

56300-09 On-Off

White actuator, bright bezel. Amber dependent pilot light. Up: On, Down: Off, three screw terminals. Diagram F.

57300-02 On-Off

White actuator, bright bezel. Red dependent pilot light. Up: On, Down: Off, three blade terminals. Diagram F.

57300-10 On-Off

Black actuator, bright bezel. Red dependent pilot light. Up: On, Down: Off, three blade terminals. Diagram F.

SPDT

Narrow Bezel

56002-01 On-On

White actuator, bright bezel. Up: On, Down: On, three screw terminals. Diagram B.

56003-01 On-Off-On

White actuator, bright bezel. Up: On, Center: Off, Down: On, three screw terminals. Diagram B.

57003-01 On-Off-On

White actuator, bright bezel. Up: On, Center: Off, Down: On, three blade terminals. Diagram B.

57003-08 On-Off-On, Imprinted

Black actuator, black bezel. Up: On, Center: Off, Down: On, three blade terminals. Imprinted "Hi, Off, Lo." Diagram B.

57007-01 On-On-Off

White actuator, bright bezel. Up: On, Center: On, Down: Off, three blade terminals. Diagram B.

57007-08 On-On-Off

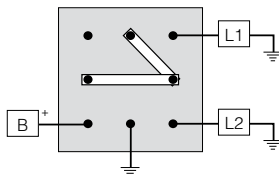
Black actuator, black bezel. Up: On, Center: On, Down: Off, three blade terminals. Diagram B.

57007-11 On-On-Off, Imprinted

Black actuator, black bezel. Up: On, Center: On, Down: Off, three blade terminals. Imprinted "Off, Lo, High." Diagram B.

57007-07 On-On-Off

Black actuator, bright nickel narrow bezel. Red dependent pilot light. Up: On, Center: On, Down: Off, four screw terminals. Diagram B.



DPDT

Narrow Bezel

56006-01 On-Off-On

White actuator, bright bezel. Up: On, Center: Off, Down: On, six screw terminals. Diagram D.

56006-08 On- Off - On, Imprinted

White actuator, black bezel. Up: On 2&3, 5&6, Center: Off, Down: On 1&2, 4&5, six screw terminals. Imprinted "Lights, Park" and with SAE headlight symbol. Diagram D.

57006-01 On-Off-On

White actuator, bright bezel. Up: On, Center: Off, Down: On, six blade terminals. Diagram D.

58007-04 On-On-On

Black actuator, black bezel. Up: B-F, Center: B-F, Down: B-A, four blade terminals.

58007-07 On-On-Off, Imprinted

White actuator, black bezel. Four blade terminals. Imprinted "Hi-Lo-Off". Up: B-H, Center: B-L, Down: B-P.

Wide Bezel

56006-02 On-Off-On

White actuator, bright bezel. Up: On, Center: Off, Down: On, six screw terminals. Diagram D.

57006-02 On-Off-On

White actuator, bright bezel. Up: On, Center: Off, Down: On, six blade terminals. DPDT. Diagram D.

Special Use

Rocker switches in this group have special applications. All fit into a standard mounting hole.

Day signaling switches

56000-01, 56000-02, 57001-01, 57001-02, 57001-04

Two-speed field wound motor

56006-08

Two-speed heater

57001-07, 57007-02

Two-speed heater/defroster

57001-01

Two-speed windshield wiper

57007-07 Use with permanent magnet motor, without dynamic parking.

Headlight

57008-10

Ignition/Start

58022-03

A rocker switches

A5 NARROW BODY SWITCHES, 10A

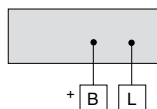
Two SP switches in one body. Universal application switches. Snap-in mounting. Phenolic housing and plastic actuator. Circuit diagrams, see page 13.

Angled Actuators

To fit panels .020" through .250" (.5mm to 6.4mm).

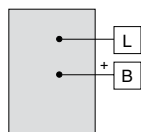
54000-03* SPST On-Off, Horizontal Mount

Black actuator, Left: On, Right: Off, imprinted "On, Off". Two blade terminals.



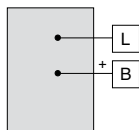
54001-02* SPDT On-Off-On

White actuator, Up: On, Center: Off, Down: On. Three blade terminals.



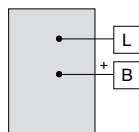
54003 SPST On-Off, Lighted Red

Red lighted actuator, Up: On, Down: Off. Three blade terminals.



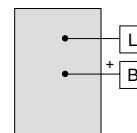
54003-01 SPST On-Off, Lighted Amber

Amber lighted actuator, Up: On, Down: Off, Three blade terminals.



54004* SPST Off- Mom On

White actuator, Up: On, Down: Off. Two blade terminals.

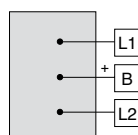


Curved Actuators

Curved matte finish actuator. Fits panels .025" through .200" (.64 to 5.2mm). Three blade terminals.

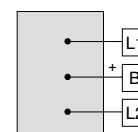
54007* SPDT On-On Two Color Actuator

Rocker with black face, red edge that shows in the On position. Can also be used as an On-Off by isolating terminal 3.



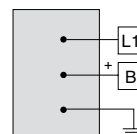
54010 SPDT On-On

Black rocker. Can also be used as an On-Off by ignoring and isolating terminal 1 or 3.



54012 SPST Off-On Red Lighted

Red rocker, lighted in On position. Three blade terminals.



rocker switches

A6 BRACKET-MOUNTING SWITCHES, 25A

SPST On-Off switches with red dependent pilot light. Designed for use with customized faceplates. Heavy duty, 25A at 12V DC. Plated steel brackets fit panels .040" through .100" (1.0 to 2.5mm) thick. Bracket mounting holes are bossed and tapped to take 6-32 UNC-2A mounting screws or to clear .16" (4.1mm) diameter screws. Silver contacts, screw or blade terminals. White actuator. Diagram F.



56300 SPST Three Screw Terminals

57300 SPST Three Blade Terminals

★ Rapid ship item. BP Available in retail clamshell pack. ★ Minimum order quantity may apply. Part numbers needed in BOX require a -BX suffix on the purchase order.

A7 DUAL SWITCHES

Two SP switches in one body. Universal application switches. Snap-in mounting. Phenolic housing and plastic actuator. Circuit diagrams, see page 13.

Narrow Body, 25A

25A at 12V DC. Switch snaps into panel hole 1.45" x .83" (36.8 x 21.1mm), and fits panels .040" through .100" thick (1.0mm to 2.5mm).

Silver contacts, brass blade terminals. Black or white actuators, imprinted in contrasting black or white. Black narrow steel bezel 1.57" x .90" (39.0mm x 22.9mm) except where noted.



SPST

58506-08 On-Off/Mom On-Off

Left switch, black: On-Off, imprinted "On, Off"
Right switch, white: Mom On – Off, imprinted "On, Off".
Four terminals.

58506-09 Hi-Lo/On-Off

Left switch: white actuator imprinted "Hi, Lo". Right switch: black actuator imprinted "On, Off". Three terminals. The On-Off switch controls power to the Hi-Lo switch.

58506-11 On-Off/On-Off

Left switch: On-Off, imprinted "On, Off"
Right switch: On-Off, imprinted "On, Off"
Black actuators with white imprints. Four terminals.

SPDT

58506-07 Hi-Off-Lo/Hi-Off-Lo

Left switch: On-Off-On, imprinted "Hi, Off, Lo"
Right switch: On-Off-On, imprinted "Hi, Off, Lo"
Black actuators with white imprints. Six terminals.

58506-15 Hi-Lo-Off/Hi-Lo-Off

Left switch: On-On-Off, imprinted "Hi, Lo, Off"
Right switch: On-On-Off, imprinted "Hi, Lo, Off"
Black actuators with white imprints. Six terminals. Plastic bezel.

Wide-Body, 10A

10A at 12V DC. Pair of switches snaps into panel hole 1.0"W (25.4mm) 1.125"H (28.6mm), and fits panels .030" through .250" thick (.76 to 6.35mm). Actuators are black, white, red or ivory rockers or paddles, with imprint in contrasting black or white. Black plastic bezel. Copper blade terminals.



54201-01 Two Black Rockers, On-Off/On-Off

Left switch: On-Off, imprinted "On, Off"
Right switch: On-Off, imprinted "On, Off"
Four blade terminals.

54202-01 On-Mom Off/Off-Mom On

Left red paddle switch: On-Mom Off, imprinted "Off"
Right ivory paddle switch: Off-Mom On, imprinted "On"
Four blade terminals.

54203-01 On-Off/Mom On-Off

Left black paddle switch: On-Off, imprinted "On, Off"
Right ivory paddle switch: Mom On-Off, imprinted "On"
Four blade terminals.

54204-01 Hi-Off-Lo/Hi-Off-Lo

Left black rocker switch: On1-Off-On2, imprinted "Hi, Lo"
Right black rocker switch: On1-Off-On2, imprinted "Hi, Lo"
Six blade terminals.

54300-01 Red Pilot & Paddle, Mom On-Off

Left: Red independent pilot light
Right ivory paddle switch: Mom On-Off, imprinted "On, Off"
Four blade terminals.

54401-01 One Rocker, Mom On-Off

Left: Black panel
Right black rocker switch: Mom On-Off, imprinted "On"
Two blade terminals.

54403-01 One Rocker, On-Off-On

Left: Black panel
Right black rocker switch: On1-Off-On2, imprinted "Hi, Lo"
Three blade terminals.

★ Rapid ship item. BP Available in retail clamshell pack. ★ Minimum order quantity may apply. Part numbers needed in BOX require a -BX suffix on the purchase order.

A rocker switches

A8 ACCESSORIES

Rocker Switch Accessories

Bezels for Mounting Switches Side by Side

For snap-in mounting of any regular size switch such as 56027, 58031, 58332, 58311 and 58312 series. Bezels can be arranged in a parallel array of any length. Bezels themselves can snap into a panel, or be mounted with the Bracket Mounting Kit. Height 1.90" (48.3mm). Two units are 2.37"W x 2.30"H (60.2 x 58.4mm). Mounting hole in panel should be 2.02"W x 1.90"H (51.3 x 48.3mm) for two bezels. Add 1.03"W (26.2mm) for each additional unit.



82159-1 End Bezel **BP**



82159-2 Center Bezel

Can be ganged, and used with end bezels.



82159-3 Independent Bezel

Fits panel opening 1.9" x 0.98" (48.3 x 25.0mm).



98628 Plug

Snaps in to 82159-1 or 82159-2 or standard rocker switch cutouts.



82159-02BP **BP**

Contains 2 end bezels, one center bezel, one plug.

Bracket Mounting Kit 87167-01BP **BP**



87167-01BP **BP**

For installing an array of switches onto a panel, when through-mounting isn't possible. Use in conjunction with 82159 bezels. Holds from 2 to 6 bezels (not included). Snap-together assembly: no special tools needed. Available only as a retail BP unit, which contains two bracket sections and brass stabilizing rods.

Kit brackets engage with bezels. Brass rods snap into brackets to stabilize the unit.

Assembled kit mounts on top of or under the panel. Mounting holes .710" x .265" (18.0 x 6.7mm).

Build Your Own Switch



Five handy kits cover all the electrical types and pilot light combinations. Each kit comes with a set of snap-in pilot light lenses, so it's easy to make up a switch with the lens color you need.

The five kits are individually retail-packed in clamshell BP units.

58328-100BP On-Off SPST, dependent

With one each Amber, Clear, Green, and Red lens.

58328-101BP On-Off SPST, independent

With one each Amber, Clear, Green and Red lens.

58328-102BP On-On SPDT, dependent

With two each Amber, Clear, Green and Red lenses.

58328-103BP On-Off-On, dependent

With one each large Amber, Clear, Green, Red and one each small lenses.

58328-104BP On-Off SPST, one dependent, one independent

With one each large Amber, Clear, Green, Red and one each small lenses.

★ Rapid ship item. **BP** Available in retail clamshell pack. ★ Minimum order quantity may apply. Part numbers needed in BOX require a -BX suffix on the purchase order.

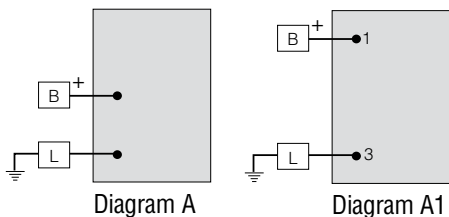
SP & DP Switches with 6 Terminal Locations

Diagrams represent both momentary contact or maintained contact switches.

Switches without Pilot Lights

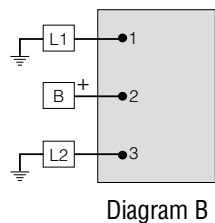
SPST Off-On

Two terminals.



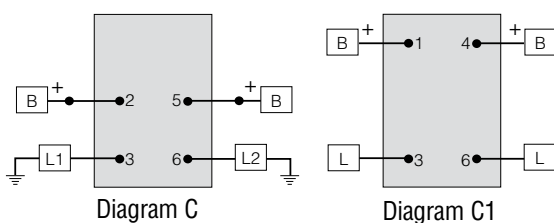
SPDT On-Off-On

Three terminals.



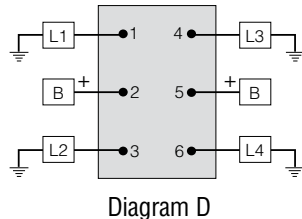
DPST Off-On

Four terminals.



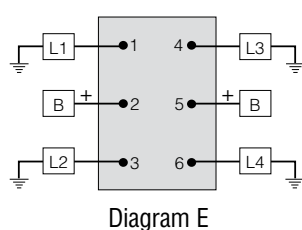
DPDT On-On

Six terminals.



DPDT On-Off-On

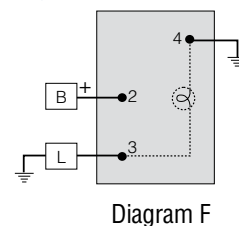
Six terminals.



Switches with One Pilot Light

SPST Off-On, Dependent

Dependent illumination. Three terminals.



SPST Off-On, Independent

Independent illumination. Four terminals. To convert an independent switch into dependent, connect a jumper wire from terminal 3 to terminal 6, and connect terminal 4 to ground.

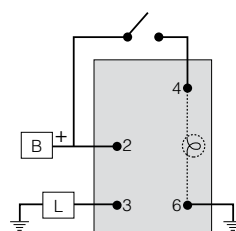


Diagram G1
Independent illumination

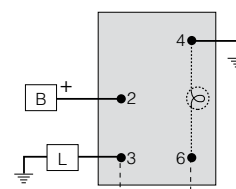


Diagram G2
Independent illumination
switch converted to dependent

Switches with Two Pilot Lights

SPST Off-On, Dependent & Independent

Four terminals.

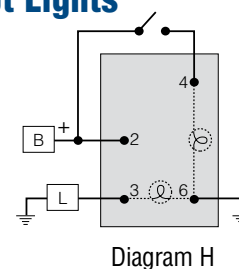


Diagram H

SPDT On-Off-On, or On-On, Dependent

Four terminals.

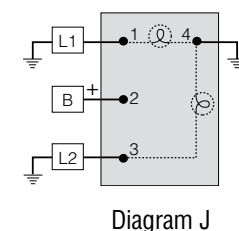


Diagram J

SPDT On-Off-On, or On-On, Independent

Four terminals.

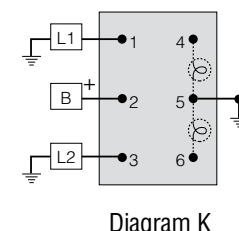


Diagram K

A rocker switches

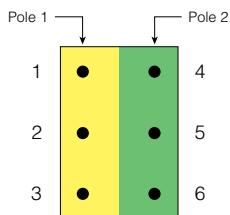
A9 WIRING DIAGRAMS

How to Identify a 6-Terminal Switch

You can find out the type of rocker or toggle switch by a quick visual inspection.

Look at the back of the switch, where the terminals are. Notice that there are six possible terminal positions.

Toggle and rocker switches are designed so that each vertical set of terminals makes up one pole.

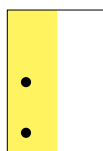
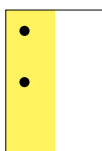
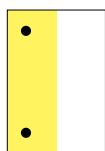


You can see immediately that a switch with three vertically-organized terminals must be a SPDT. Now check the actuator (rocker or toggle handle) to see if the switch is 2-position or 3-position.

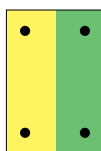
If it only has two terminals, it must be a SPST, the simplest of all switch configurations. Notice that the two terminals are organized vertically (never side-by-side). Terminals can be located at 1 and 2, 1 and 3, or 2 and 3.

If it has terminals at 1, 3, 4 and 6, it must be a DPST. You can see that it utilizes the left side (pole 1) and right side (pole 2) of the switch — two poles (DP).

If it has six terminals, it's a DPDT. Check the actuator to see if the switch is 2-position or 3-position.

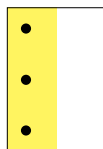


SPST

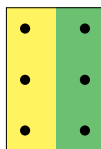


DPST

SPDT

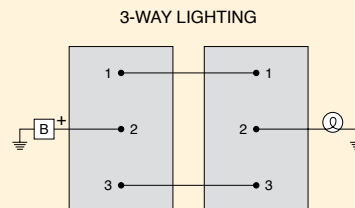


DPDT

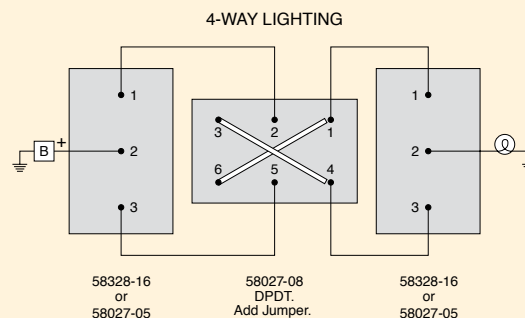


3- and 4-Way Lighting

3-way lighting permits a light (or set of lights) to be controlled from either one of two switches usually mounted in different locations. Similarly, 4-way lighting enables control from three switch locations.



Use two SPDT On-On switches such as 58328-16 or 58027-05



58328-16
or
58027-05

58027-08
DPDT.
Add Jumper.

58328-16
or
58027-05

Super-Bright LEDs



New 58312 series rocker switches have long lasting LED lights and high-visibility wrap-around lenses. See page 1.

For explanation of SPST, DPST, SPDT, DPDT, see Page 28.