

# rocker switches



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## rocker switches

### A1 WEATHER-RESISTANT ROCKER SWITCHES

Switches for universal applications. Contact area sealed against dirt and moisture entry to IP66. Snap-in mounting fits standard hole .830" x 1.45" (21.1 x 36.8mm). Fits panels from .093" to .187" thick (2.4 x 4.7mm). For bezels to hold these switches together side by side, see Section A7. Circuit diagrams: see Section A8.

#### 58328 Series with Pilot Lights, 25A

Single or dual pilot lights, dependent or independent illumination. Faceted lenses are on the actuator. Matte finish black plastic housing, bezel and actuator. Silver contacts, brass blade terminals. 25A at 12V DC.

Each of the five electrical configurations of switch is also available as a BP (bubble pack) retail unit, containing separate lenses of all colors. Lenses snap easily into place.

#### One Pilot Light

##### Off-On SPST, dependent

Three blade terminals.  
Diagram F, Section A8.

58328-04 Red lens ★

58328-11 Green lens ★

58328-12 Clear lens

58328-13 Amber lens ★

58328-100BP Kit **BP** ★

With one lens of each color. BP only.

58328-64 Fog light symbol

Amber lens. Fog light symbol imprinted on the actuator.



#### Off-On SPST, independent

Four blade terminals. Diagram G, Section A8.

58328-01 Red lens

58328-02 Green lens

58328-09 Clear lens

58328-10 Amber lens

58328-101BP Kit **BP**

With one lens of each color. BP only.



## diagrams

See Section A8 for circuit diagrams.

CONTINUED **A1**



**Two Pilot Lights***Lens colors are listed top lens/bottom lens.***On-On SPDT, two dependent**

Four blade terminals. Diagram J, Section A8.

58328-08 Green/Green

58328-14 Amber/Amber

58328-15 Clear/Clear

58328-16 Red/Red

58328-17 Amber/Clear

58328-18 Amber/Green

58328-19 Amber/Red

58328-20 Clear/Green

58328-21 Clear/Red

58328-22 Green/Red

58328-102BP Kit **BP**

With two lenses of each color. BP only.

**Off-On SPST, dependent and independent**

Four blade terminals. Diagram H, Section A8.

58328-05 Red/Clear

58328-39 Green/Green

58328-40 Red/Red

58328-47 Green/Amber

58328-48 Green/Clear

58328-49 Green/Red

58328-50 Red/Amber

58328-51 Red/Green

58328-104BP Kit **BP**

With one lens of each color and size. BP only.

**On-Off SPDT, two dependent**

Four blade terminals. Diagram J, Section A8.

58328-06 Red/Clear

58328-07 Green/Clear

58328-25 Green/Green

58328-26 Red/Red

58328-33 Green/Amber

58328-34 Green/Red

58328-35 Red/Amber

58328-36 Red/Green

58328-103BP Kit **BP**

With one lens of each color and size. BP only.

**build any of  
the 58328 switches**

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 Off-On-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.

**SPST, DPDT...?**

See Section B10 for an explanation of terms.

★ Rapid ship item. **BP** Available in retail clamshell pack. ★ Minimum order quantity may apply.

**A1** WEATHER-RESISTANT ROCKER SWITCHES

## With and Without Pilot Lights, 25A

Unlit, single or dual dependent pilot lights. Matte black plastic housing, bezel and actuator. Silver contacts. 56 Series has brass screw terminals. 58 Series has brass blade terminals. 25A at 12V DC. Other screw terminal switches in this series are available – contact Cole Hersee.



### With Pilot Light(s)



#### SPST

Diagram F.

**56327-01 Off-On** BP ★

One red pilot light. Three screw terminals.

**58327-01 Off-On** BP ★

One red pilot light. Three blade terminals.

#### SPDT

Diagram J.

**58327-06 On-Off-On** BP ★



Two red pilots. Four blade terminals.

## wiring diagrams

See Section A8.

### Without Pilot Lights

#### SPST

**56027-01 On-Off** BP ★

Two screw terminals. Diagram A.

**58027-01 On-Off** ★

Two blade terminals. Diagram A.

**58027-02 Off-Mom On** BP ★

Two blade terminals. Diagram A.

**58027-05 On-On**

Three blade terminals. Diagram B.



**58027-17 Fog Light Symbol**

On-Off. Two blade terminals.

Diagram A.



#### SPDT

Diagram B.

**58027-03 On-Off-On** BP ★

Three blade terminals.

**58027-04 Mom On-Off-Mom On** BP ★

Three blade terminals.

#### DPST

Diagram C.

**58027-06 Off-On**

Four blade terminals.

#### DPDT

**58022-03 Mom On-On-Off; Ignition/Start**

Four blade terminals. Glossy finish plastic.

**58027-07 On-Off-On** BP ★

Six blade terminals. Diagram E.

**58027-08 On-On**

Six blade terminals. Diagram D.

**58027-11 Mom On-Off-Mom On** BP ★

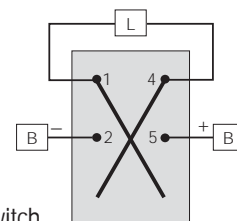
Six blade terminals. Diagram E.

**56027-11 Mom On-Off-Mom On**

Six screw terminals. Diagram E.

**58027-18 Mom On-Off- Mom On; Forward-Reverse**

Four blade terminals.



Forward-Reverse switch

CONTINUED **A1**

★ Rapid ship item. BP Available in retail clamshell pack. ★ Minimum order quantity may apply.

**M-58031 Series, 20A**

*Certified to IP66 for protection against dust and prolonged spray. Recognized at UL 1500: Ignition Protection for Marine Products. With neoprene gasket/panel seal. 20A at 12V DC. Blade terminals, silver contacts, black nylon bezel, black plastic housing.*

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

Two blade terminals. Diagram Q.

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

Three blade terminals. Diagram R.

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

Four blade terminals. Diagram T.

**M-58031-05\* DPDT On-Off-On**

Six blade terminals. Diagram P.

**M-58031-06 DPDT On-On**

Six blade terminals. Diagram P.

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

Two blade terminals. Diagram Q.

**M-58031-08 SPST Mom On-Off – Mom On**

Three blade terminals. Diagram R.

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

Six blade terminals. Diagram P.

**locking switch**

SPST On-Off. Bright orange lock automatically locks the actuator when in the Off position, and must be slid to allow the actuator to be moved to the On position. Matte black finish housing, bezel and actuator. Two blade terminals. 20A at 12V DC.

**58326 Series with Pilot Lights, 20A**

*Single or dual pilot lights. Faceted lenses inset into the actuator. Matte black plastic housing, bezel and actuator. Silver contacts, up to eight brass blade terminals, of which terminals 7 & 8 connect the pilot light(s). Internal seal. Many other imprinted switches are available in this series. 20A at 12V DC. All are specified for Thomas Built® school buses except 58326-01.*

**58326-01 SPST Off-On red lens**

Off-On 5&6. Not imprinted. Independent illumination. Consult Cole Hersee for other styles. Diagram L.

**58326-11 Warning lights switch, Off-On-Mom On**

DP Off - On 2&3 - Mom On 2&3 and 5&6. Imprinted 'Amber. Warning (On). Off' with SAE warning lamp symbol imprinted on the white lens. Independent illumination. Diagram M.

**58326-12 Left heater fan switch, On-Off-On**

DPDT On 1&2, 4&5 – Off - On 2&3, 5&6. Imprinted 'High. Left Heater. Low' with SAE fan symbol imprinted on the white lens. Independent illumination. Diagram O.

**58326-21 Windshield washer switch, Off-Mom On**

SPST Off- Mom On 2&3. Imprinted 'On. W/S Washer' with SAE washer symbol imprinted on the white lens. Independent illumination. Diagram N.

**58326-24 Windshield defrost switch, On-On-On**

DPDT On 1&2, 4&5 – On 2&3, 5&4 – On 2&3, 5&6. Imprinted 'Lo/Hi. Def. Off' with SAE defroster symbol imprinted on the white lens. Independent illumination. Diagram O.

**58326-25 Left heater switch, On-On-On**

DPDT On 1&2, 4&5 – On 2&3, 5&4 – On 2&3, 5&6. Imprinted 'Lo/Hi. Left Heater. Off' with SAE fan symbol imprinted on the white lens. Independent illumination. Diagram O.

**58326-27 Passenger heater fan switch, On-On-On**

DPDT On 1&2, 4&5 – On 2&3, 5&4 – On 2&3, 5&6. Imprinted 'Lo/Hi. Pass Heater. Off' with SAE fan symbol imprinted on the white lens. Independent illumination. Diagram O.

**58326-29 Fan switch, On-On-On**

DPDT On 1&2, 4&5 – On 2&3, 5&4 – On 2&3, 5&6. Imprinted 'Lo/Hi. Fan. Off' with SAE fan symbol imprinted on the white lens. Independent illumination. Diagram O.

★ Rapid ship item. BP Available in retail clamshell pack. ★ Minimum order quantity may apply.

**A2 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** BP  
Two screw terminals.



**57000-23 On-Off**  
Two blade terminals.

**56001-04\* Mom On-Off**  
Two screw terminals.

**56300-14\* On-Off, with pilot**  
Three screw terminals. Red pilot light inside the actuator. Pilot is rated for 12V DC.

**57300-22\* On-Off, with pilot**  
Three blade terminals. Red pilot light inside the actuator. Pilot is rated for 12V DC. Diagram F.



**57000-33 On-Off, red actuator**  
Typically used for a safety switch. Two blade terminals.

**57001-14 Mom On - Off, red actuator**  
Two blade terminals. Marine requirement for horn button.

**57001-15 Mom On-Off**  
Two blade terminals.



**58034-07 On-Off, yellow actuator**  
State of Florida requirement for school buses. Two blade terminals. Matte Finish.

**SPDT**

**56003-03\* On-Off-On** BP  
Three screw terminals.



**57003-16 On-Off-On**  
Three blade terminals.

**56012-04 Mom On-Off- Mom On**  
Three screw terminals.

**57004-10 Mom On-Off- Mom On**  
Three blade terminals.

**DPST**

**56009-03\* On-Off**  
Four screw terminals.

**DPDT**

**56006-04\* On-Off-On**  
Six screw terminals.

**56013-03\* Mom On-Off-Mom On**  
Six screw terminals.

**57005-11 On-On**  
Six blade terminals.

**57006-07 On-Off-On**  
Six blade terminals.

**57008-08 Off-On-On**  
Headlamp switch. Five blade terminals.

**57008-10 Off-On-On**  
Navigation, stern & bow light switch. Black actuator. Three blade terminals.

**57013-08 Mom On-Off-Mom On**  
Six blade terminals.

**57014-03 Mom On-Off-Mom On**  
Four blade terminals. Sealed. Reversing switch.



reversing polarity switches



For changing the direction of permanent magnet motors.

**Sealed Rocker Switches (Section A)**

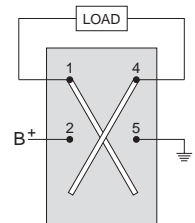
- 57014-03 Mom On - Off - Mom On
- 58027-18 Mom On - Off - Mom On

**Toggle Switches (Section B)**

- 55018-01 On-On
- 55046 Mom On - Off - Mom On
- 55046-04 Mom On - Off - Mom On
- 55046-06 Mom On - Off - Mom On
- 55046-11 Mom On - Off - Mom On
- 5590-06 On - On

**Rotary Switches (Section D)**

- 90005-03 Mom On - Off - Mom On
- 90005-01 Mom On - Off - Mom On. Keyed



## A3 STANDARD SERIES, METAL BEZEL

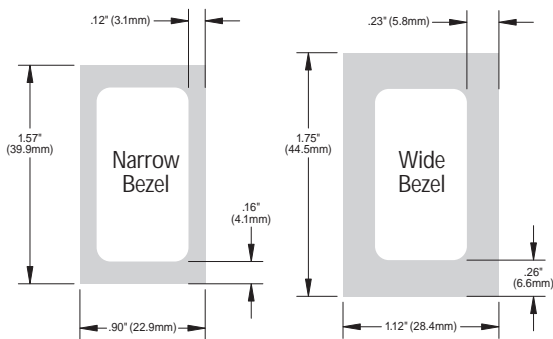
Single and Double Pole. Universal application. Bright nickel plate or black bezel, narrow or wide. Plastic housing and actuator. Snap-in to fit panels .040" through .100: (1.0 to 2.5mm). Screw or blade terminals. 25A at 12V DC. Circuit diagrams, see Section A8.



Pilot light, 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.

**56001-01 Mom On -Off**

White actuator, bright bezel. Up: Mom 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"

**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 BP**

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, three 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.

**56300-09 On-Off**

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

**56300-12\* On-Off**

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

★ Rapid ship item. BP Available in retail clamshell pack. ★ Minimum order quantity may apply.



## 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.

#### 56003-01 On-Off-On

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

#### 57002-01\* On-On

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

#### 57003-01 On-Off-On

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

#### 57003-08 On-Off-On, imprinted

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

#### 57007-01 On-On-Off

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

#### 57007-08 On-On-Off

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

#### 57007-11 On-On-Off, imprinted

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

### Wide Bezel

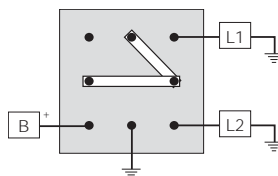
#### 57003-02 On-Off-On

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

## SPDT with Pilot Light

#### 57007-07 On-On-Off

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



## DPDT

### Narrow Bezel

#### 56006-01 On-Off-On

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

#### 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.

#### 57006-01 On-Off-On

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

#### 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.

#### 57006-02 On-Off-On

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

## 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, 57001-02

#### Two-speed windshield wiper

57007-04, 57007-07

Use with permanent magnet motor, without dynamic parking.

#### Headlight

57008-10

#### Ignition/Start

58022-03

## A4 NARROW BODY SWITCHES, 10A

Single Pole. Universal application, 10A at 12V DC single pole switches. Black plastic, snap-in mounting. Silver contacts, copper blade terminals. To fit panel hole .550" x 1.125" (14.0 x 28.6mm). Circuit diagrams, see Section A8.

**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** BP

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.

**54003-02\* SPST On-Off, lighted green**  
Green 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\* 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.



**54008\* Off-On Orange lighted**  
Orange rocker, lighted in On position. Similar to 54012, but with Orange actuator

**54010 On-On** BP  
Black rocker. Can also be used as an On-Off by ignoring and isolating terminal 1 or 3.



**54012 Off-On Red lighted**  
Red rocker, lighted in On position.



## rocker switches

## A5 BRACKET-MOUNTING SWITCHES, 25A

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 except 58005. Switches with pilot lights have white actuators with red dependent pilot light.

**SPST On-Off with Red Pilot Light**

**56300 Three screw terminals**  
Diagram F.

**57300 Three blade terminals**  
Diagram F.

**Without Pilot Light**

**57002\* SPDT On-On**  
Three blade terminals

**57008\* DPDT On-On-Off**  
Five blade terminals. Can be used as a Headlamp Switch: Off - On (battery, tail lights, park lamps) - On (battery, tail lights, headlamps).

**58005\* SPDT Off-On- Mom Off**  
Two screw terminals. Black actuator. Can be used as a signaling switch.

★ Rapid ship item. BP Available in retail clamshell pack. ★ Minimum order quantity may apply.

**A6 DUAL SWITCHES**

Two SP switches in one body. Universal application switches. Snap-in mounting. Phenolic housing and plastic actuator. Circuit diagrams, see Section A8.

## 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.



### 54200-01\* Universal plug

Wide body, snap-in mount.

### 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.

### 54300-02\* Amber Pilot & paddle, On-Off

Left: Amber independent pilot light  
Right white paddle switch: On-Off  
Four blade terminals.

### 54300-03 Green Pilot & paddle, On-Off

Left: Green independent pilot light  
Right white paddle switch: On-Off  
Four blade terminals.

### 54400-01\* One rocker, On-Off

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

### 54401-01 One rocker, Mom On-Off

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

### 54401-02\* One paddle, Mom On-Off

Left: Black panel  
Right ivory paddle 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.

### PL-300-AAC01\* Twin Pilot Lights only

Amber pilot lights with long-dimension imprint "Washer, Wiper" suitable for horizontal mounting.  
Four blade terminals.

ACCESSORIES **A8**

★ Rapid ship item. BB Available in retail clamshell pack. ✱ Minimum order quantity may apply.

## Bezels for mounting switches side by side

For snap-in mounting of any regular size switch such as 56027 or 58328 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  
1.900" x 0.984" (48.3 x 25.0mm)



## BP retail kits

### 82159-02BP BP

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

### 82159-03BP BP

Contains 2 center bezels.

## Bracket Mounting Kit 87167-01BP BP



### 87167-01BP

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).*

## Panel Plugs

**Black snap-in panel plug fits standard panel hole .83" x 1.45" (21.1 x 36.8mm).**

### 87133-01 plug

Face dimensions: 1.70" x 0.96"  
(24.4 x 43.2mm)



### 98628 plug

Face dimensions: 1.91" x 0.96"  
(24.4 x 48.8mm), designed for use with 82159 series.



★ Rapid ship item. BP Available in retail clamshell pack. ★ Minimum order quantity may apply.

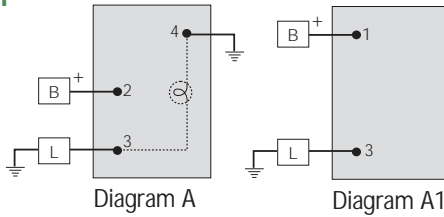
## SP & DP Switches with 6 Terminal Locations

Diagrams represent both momentary contact or maintained contact switches.

### Switches without Pilot Lights

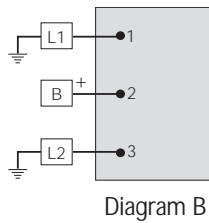
#### SPST Off-On

Two terminals.



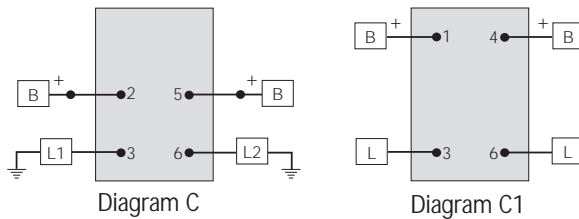
#### SPDT On-Off-On

Three terminals.



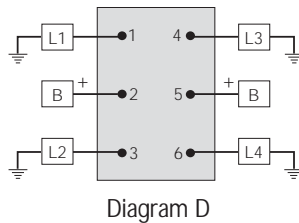
#### DPST Off-On

Four terminals.



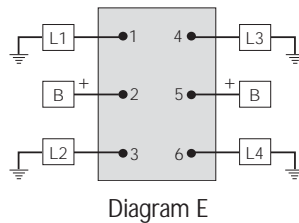
#### DPDT On-On

Six terminals.



#### DPDT On-Off-On

Six terminals.



## Switches with One Pilot Light

#### SPST Off-On, dependent

Dependent illumination. Three terminals.

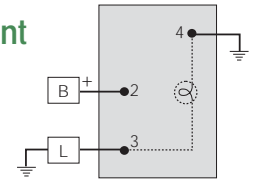


Diagram F

#### 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.

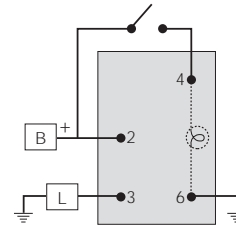


Diagram G1  
Independent illumination

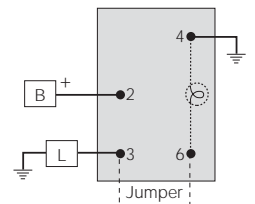


Diagram G2  
Independent illumination switch converted to dependent

## Switches with Two Pilot Lights

#### SPST Off-On, dependent & independent

Four terminals.

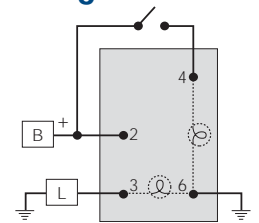


Diagram H

#### SPDT On-Off-On, or On-On, dependent

Four terminals.

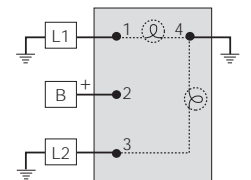


Diagram J

#### SPDT On-Off-On, or On-On, independent

Four terminals.

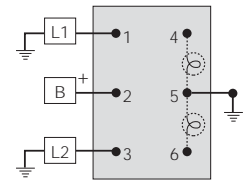


Diagram K

## SP&DP Switches with 8 Terminal Locations

Some switches have a maximum of eight possible locations for terminals. Switches of this type include M-58031 Series and 58326 Series in Section A1. Diagrams represent both momentary contact or maintained contact switches.

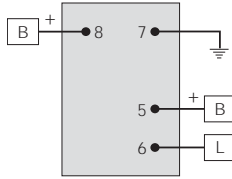


Diagram L

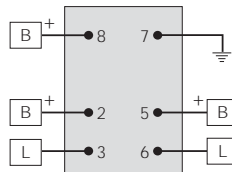


Diagram M

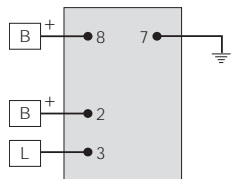


Diagram N

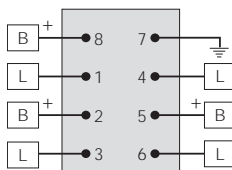


Diagram O

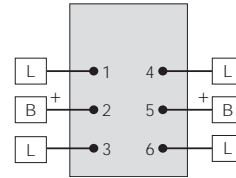


Diagram P

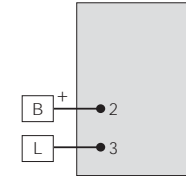


Diagram Q

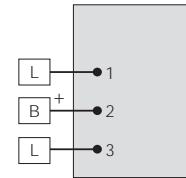


Diagram R

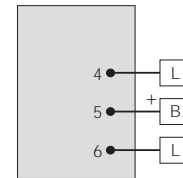


Diagram S

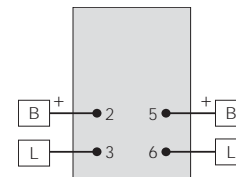


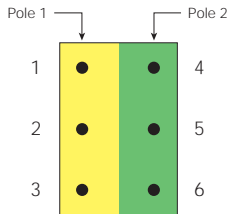
Diagram T

## 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.

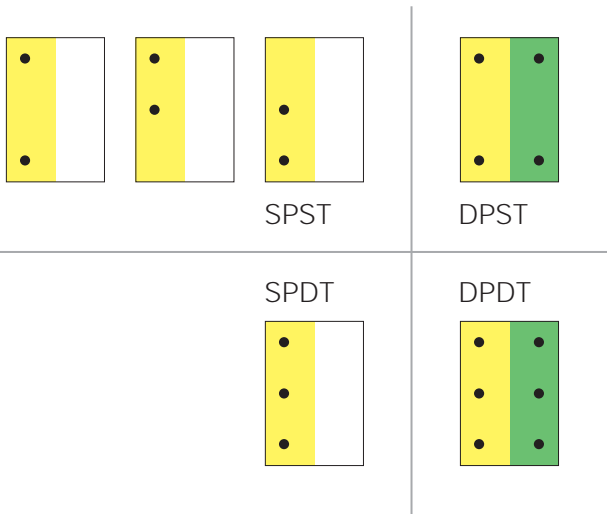


You can see immediately that a switch with three vertically-organized terminals must be a SPDT. Now check the actuator (rocker or toggle handle) to see if the switch is 2-position or 3-position.

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.



For explanation of SPST, DPST, SPDT, DPDT, see Section B10.

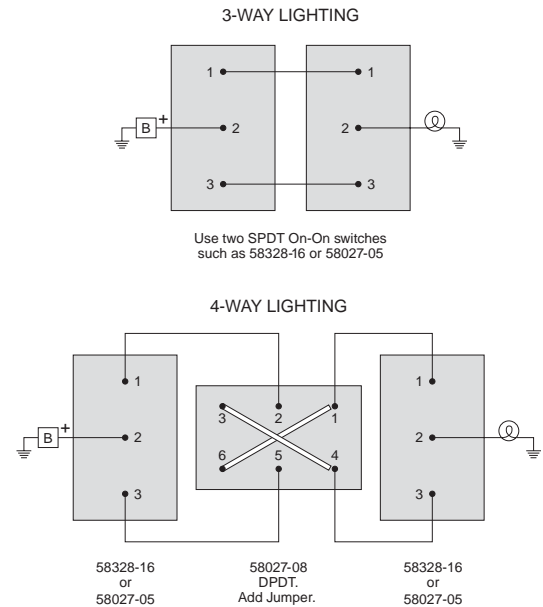
## rotary



Our new 72150 Series Rotary Switches have many of the electrical configurations that are available in rocker switches: SP/DP; single-, double-, triple-, and quadruple-throw; illuminated or not; momentary/maintained; imprinted or not; and with a choice of knob styles. Compact, with a durable Nylon 6/6 body. IP-53. 10A and 20A. Check them out in section N1.

## 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.



★ Rapid ship item. BB Available in retail clamshell pack. ✪ Minimum order quantity may apply.

