

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.



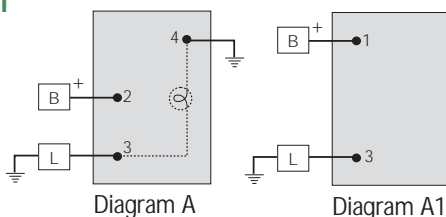
SP & DP Switches with 6 Terminal Locations

Diagrams represent both momentary contact or maintained contact switches.

Switches without Pilot Lights

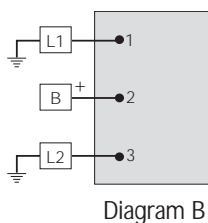
SPST Off-On

Two terminals.



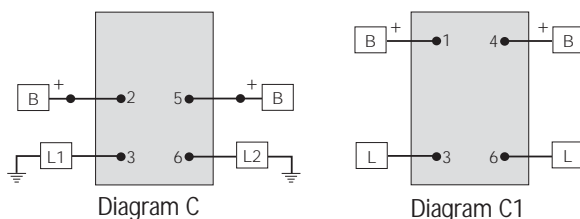
SPDT On-Off-On

Three terminals.



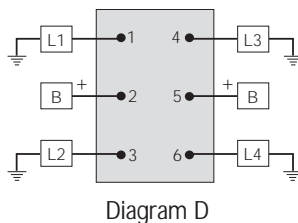
DPST Off-On

Four terminals.



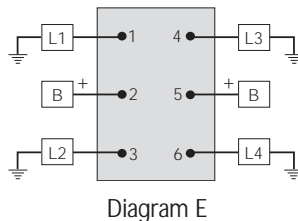
DPDT On-On

Six terminals.



DPDT On-Off-On

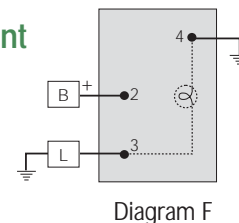
Six terminals.



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.

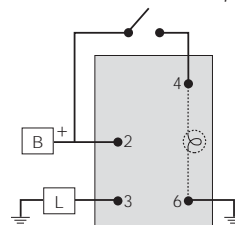


Diagram G1
Independent illumination

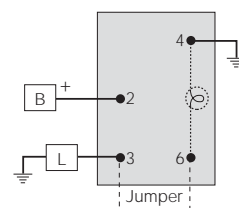


Diagram G2
Independent illumination
switch converted to dependent

Switches with Two Pilot Lights

SPST Off-On, dependent & independent

Four terminals.

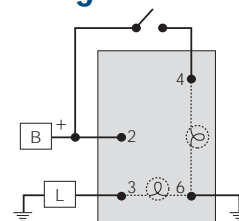


Diagram H

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

Four terminals.

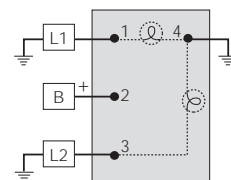


Diagram J

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

Four terminals.

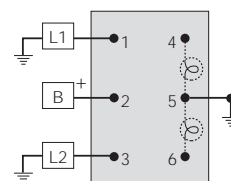


Diagram K

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.

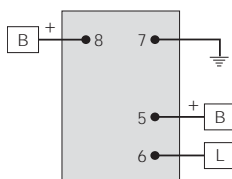


Diagram L

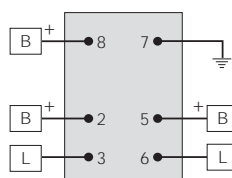


Diagram M

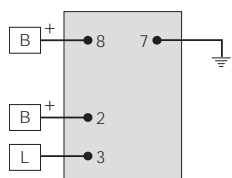


Diagram N

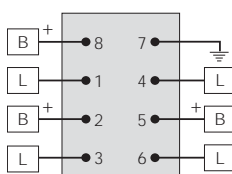


Diagram O

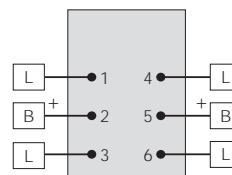


Diagram P

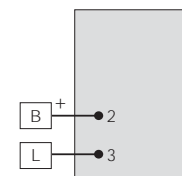


Diagram Q

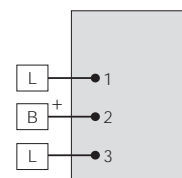


Diagram R

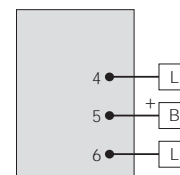


Diagram S

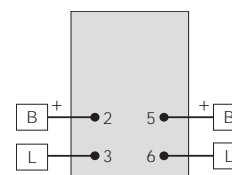


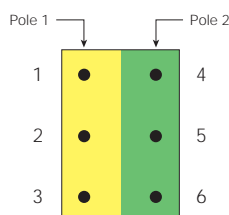
Diagram T

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.

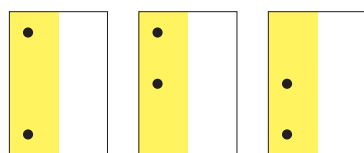


You can see immediately that a switch with three vertically-organized terminals must be a SPDT. Now check the actuator (rocker or toggle handle) to see if the switch is 2-position or 3-position.

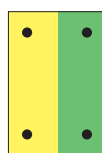
If it only has two terminals, it must be a SPST, the simplest of all switch configurations. Notice that the two terminals are organized vertically (never side-by-side). Terminals can be located at 1 and 2, 1 and 3, or 2 and 3.

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.

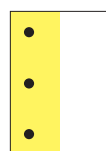


SPST

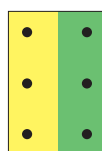


DPST

SPDT



DPDT



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

rotary

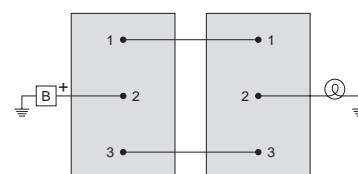


Our new 72150 Series Rotary Switches have many of the electrical configurations that are available in rocker switches: SP/DP; single-, double-, triple-, and quadruple-throw; illuminated or not; momentary/maintained; imprinted or not; and with a choice of knob styles. Compact, with a durable Nylon 6/6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

3- and 4-way lighting

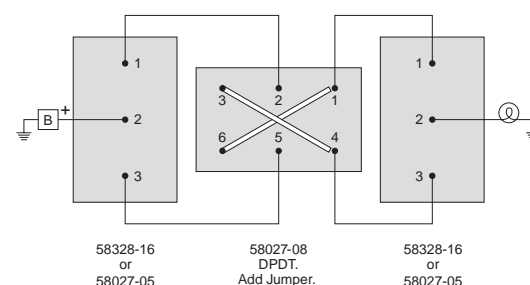
3-way lighting permits a light (or set of lights) to be controlled from either one of two switches usually mounted in different locations. Similarly, 4-way lighting enables control from three switch locations.

3-WAY LIGHTING



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

4-WAY LIGHTING



58328-16
or
58027-05

58027-08
DPDT.
Add Jumper.

58328-16
or
58027-05