

**NEW**

# SWITCHES

## SEALED ILLUMINATED ROCKER SWITCHES

**34-230**  
(Shown)



- Designed for complete protection against dust and moisture.
- Rated 20 Amps at 12 VDC.
- Features include black plastic housing, nylon bezel, silver contacts, white lens with LED bulb, and .250" quick connect terminals.
- May be used with Pollak's new single and modular mounting brackets.

<b>34-230</b>	On-Off, S.P.S.T	<b>34-236</b>	Mom. On-Off-Mom. On, S.P.D.T.
<b>34-231</b>	Mom. On-Off, S.P.S.T.	<b>34-237</b>	On-On, D.P.D.T.
<b>34-232</b>	Off-On-Off, S.P.S.T.	<b>34-238</b>	On-Off, D.P.S.T.
<b>34-233</b>	On-On, S.P.D.T.	<b>34-239</b>	Mom. On-Off-Mom. On, D.P.D.T.
<b>34-234</b>	On-Off-On, S.P.D.T.	<b>34-240</b>	Off-On-On, Progressive
<b>34-235</b>	On-On-On, S.P.3.T.	<b>34-241</b>	On-On-Mom. On, Progressive

## ROCKER SWITCHES MOUNTING BRACKETS



- New Modular mounting brackets and single mounting bracket #34-260 (Not shown) for use with installing Pollak's new rocker switches #34-230 Series (Shown above).
- To be used when installing rocker switches in panels.
- Stackable mounting end brackets #34-258 are reversible and can be connected to either side of middle bracket #34-259.
- Single mounting bracket #34-260 may be used for a single switch mount.

<b>34-255</b>	Panel Gasket Seal
<b>34-258</b>	Mounting Bracket End Piece
<b>34-259</b>	Mounting Bracket Middle Piece
<b>34-260</b>	Single Mounting Bracket

## WEATHER RESISTANT TOGGLE SWITCH

**34-571C**



- Weather resistant plastic coating with O-Ring in stem.
- 2 Positions: On-Off, S.P.S.T., Rated 20 Amps, 12 VDC
- Knurled face nut, hex back nut, and 2 plastic coated wire leads 8" long.
- Chrome plated bat handle, mounting stem 15/32 diameter., 3/8" long.

## TOGGLE SWITCH GUARD

**34-508**



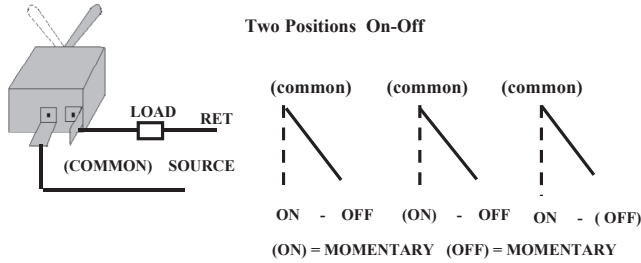
- Spring loaded snap action holds the guard cover in the up or down position. Switch cannot be operated with the cover in the down position.
- Recommended for use with two position (Off-On or On-On) toggle switches with standard 11/16" bat handle and 15/32" diameter mounting stem and keyway.
- Face plate is steel with black glossy finish. Switch cover coated with red urea.

**ta** **TECHSPAN**

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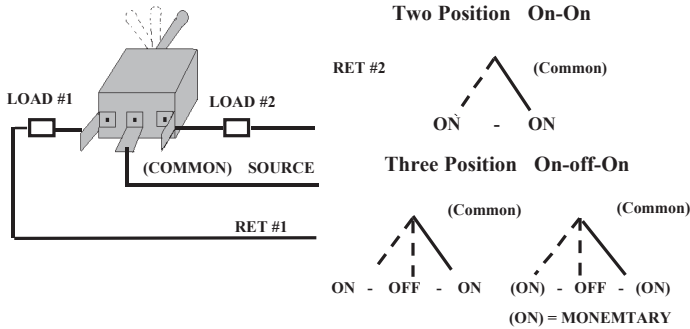
### S.P.S.T. (Single Pole/Single Throw)

A two terminal switch which opens or closes one circuit.



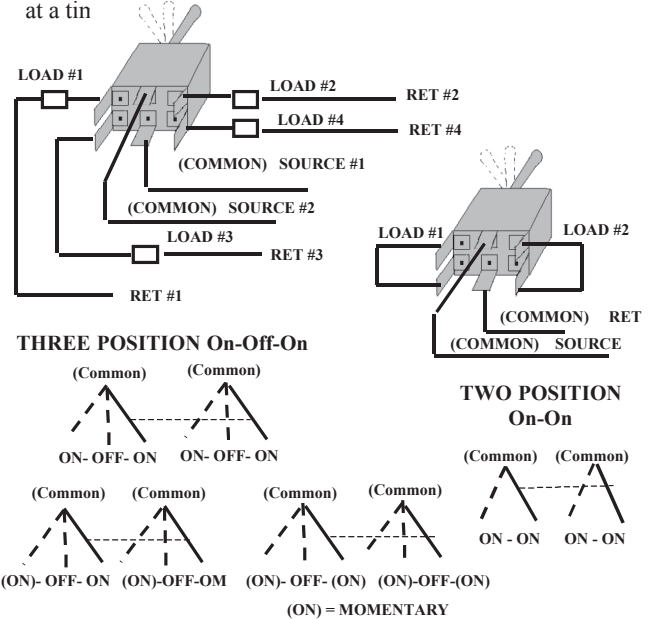
### S.P.D.T. (Single Pole/Double Throw)

A three terminal switch that controls two single-wire circuits. Permits only one circuit to be energized at a time



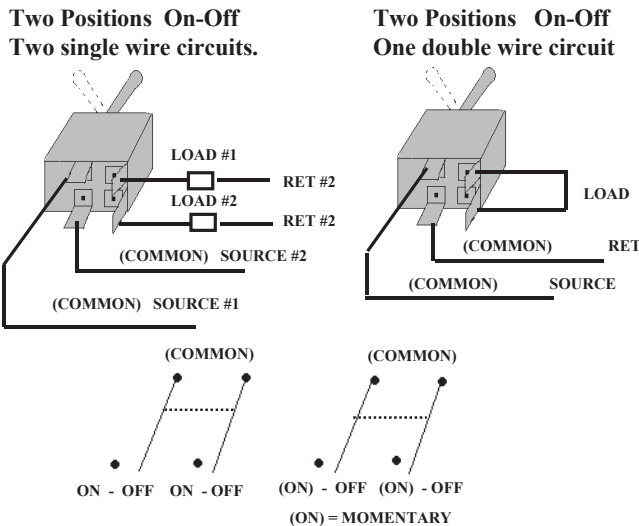
### D.P.D.T. (Double Pole/Double Throw)

A six terminal switch that controls two double wire circuits permitting only one circuit to be energized at a time, or four single wire circuits permitting only two circuits to be energized at a time



### D.P.S.T. (Double Pole/Single Throw)

A four terminal switch that controls one double wire circuit or two single wire circuits.



### ELECTRICAL TERMS

- AMPERE** Electrical unit indicating rate of flow of electricity through a circuit.
- CIRCUIT** Path taken by electrical current flowing through conductor from one terminal source of supply to another.
- CURRENT** The movement of electrons through a conductor measured in amperes.
- DOUBLE POLE** A switch that operates simultaneously in two separate electric circuits.
- DOUBLE THROW** A switch that alternately completes a circuit at either end of its extreme positions.
- DOUBLE POLE/SINGLE THROW** D.P.S.T - A switch that has four terminals and is used to connect or disconnect two pairs of terminals simultaneously.
- DOUBLE POLE DOUBLE/THROW D.P.D.T** A switch that has six terminals and is used to connect one pair of terminals to either of the other two pairs.
- INDUCTIVE LOAD** Initial amps needed to engage a circuit and/or a load which allows a momentary flow of current when a circuit is open. {Devices that create inductive loads are typically motor coils and solenoids.}
- LAMP LOAD** Light bulb current expressed in amps at a rated voltage.
- MOMENTARY** Momentary action is obtained by holding switch in position with pressure. Upon release the switch returns to the previous position.
- REVERSING** Reversing action is obtained by reversing the polarity of a switch with jumper wires or blades to change the rotation of a motor. Typical applications are winches, plows, radio antennas and fuel selector valves.
- SINGLE POLE** A switch that opens, closes, or changes connection in a single conductor of an electrical circuit to a common contact.
- SINGLE THROW** A switch that opens, closes or completes a circuit at only one of the extreme positions of its actuator.
- SINGLE POLE/SINGLE THROW** S.P.S.T. - A two terminal switch which opens or closes one circuit.
- SINGLE POLE/DOUBLE THROW** S.P.D.T. - A three terminal switch for connecting one terminal to either of two other terminals.
- VOLT** The unit that measures the potential difference in electrical force or "pressure" between two points on a circuit.
- WATT** The unit of power that indicates the rate at which a device converts electric current to another form of energy, either heat or motion.

#### SERVICE TIP

- Replacement switch must have the same or higher rating as original switch.
- Unplug circuit or turn off power at electrical panel.
- Remove wires from old switch one-at-a-time and attach to new switch in same manner, or follow wiring diagram.
- For Screw Terminals - Twist stranded wire together. Loop wire clockwise around screw. Tighten securely.
- For Blade Terminals - Use Female push-on terminals. Crimp tightly on stranded wire. Make sure you have a snug fit.
- Turn on power