

SWITCHES

50 AMPS 6-24 VOLT TOGGLE SWITCHES

Pollak Toggle Switches designed for many high-current applications. Oversized internal copper contacts will carry up to 50 AMP current loads. Provides the longest possible service life. (Note: Quick-Connect Blade terminals will carry 30 AMPS.)

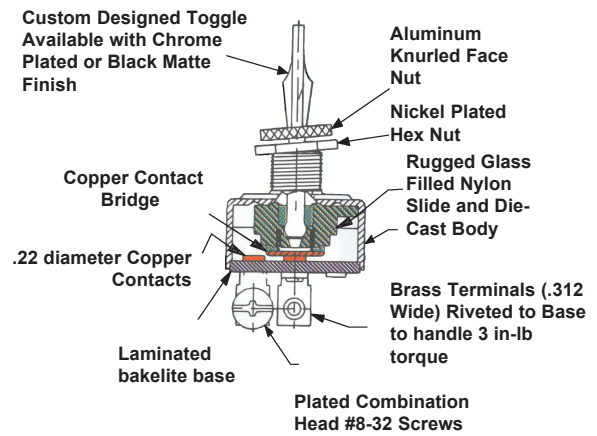
34-216
Standard
Chrome Handle
(Quick-Connect
Terminals)



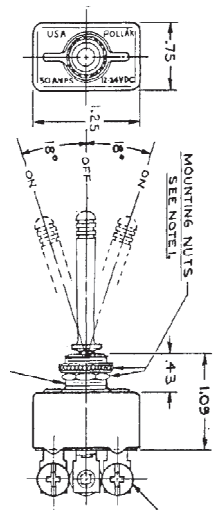
34-220
Long Chrome
Handle #8-32
Screw Terminal



Custom Designed Toggle
Available with Chrome
Plated or Black Matte
Finish



Part No.	Circuitry	No. of Terminals	Terminal Type	Handle Length	Handle Type	DC Volts	DC Amps
S.P.S.T (SINGLE POLE – SINGLE THROW)							
34-212	On-Off	2	Screw	Std. 1"	Chrome	12	50
34-213	On-Off	2	Screw	Long 1.5"	Chrome	12	50
34-216	On-Off	2	Blade	Std. 1"	Chrome	12	30
34-219	On-Off	2	Screw	Std. 1"	Black	12	50
34-226	On-Off	2	Blade	Std. 1"	Black	12	30
S.P.D.T (SINGLE POLE – DOUBLE THROW)							
34-225	On-On	3	Screw	Std. 1"	Chrome	12	50
34-218	On-Off-On	3	Screw	Std. 1"	Chrome	12	50
34-222	On-Off-On	3	Screw	Std. 1"	Black	12	50
34-215	Mom-On-Off-Mom On	3	Screw	Std. 1"	Chrome	12	50
34-223	Mom-On-Off-Mom On	3	Screw	Std. 1"	Black	12	50
34-220	Mom-On-Off-Mom On	3	Screw	Long 1.5"	Chrome	12	50



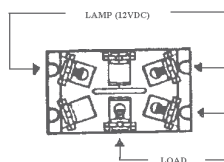
NYLON HANDLE DECORATOR STYLE 20 AMPS AT 12 VOLTS DC TOGGLE SWITCHES

Decorator style toggle switches designed with an O-Ring seal between toggle and bushing for splash proof reliability. Durable nylon housing, nylon face nut and brass terminals resist corrosion. Lighted versions have transparent Lexan handle. 20 AMPS @ 12 VDC.

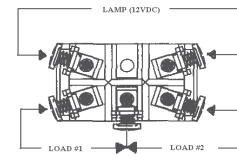
34-586Q
.250 Blade
Terminals



34-586Q

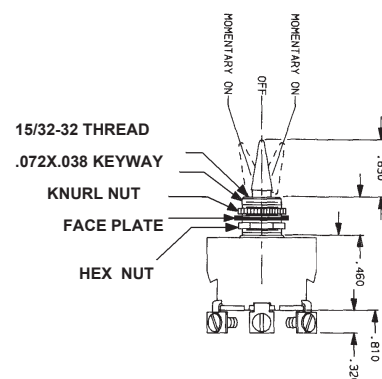


34-588



Part No.	Circuitry	No. of Terminals	Terminal Type	Handle Length	Handle Type
S.P.S.T (SINGLE POLE – SINGLE THROW)					
34-581Q	On-Off	2	Blade	Std. 11/16"	Black
34-586	On-Off	4	Screw	Std. 11/16"	Lighted
34-586Q	On-Off	4	Blade	Std. 11/16"	Lighted
S.P.D.T (SINGLE POLE – DOUBLE THROW)					
34-588	On-Off-On	5	Screw	Std. 11/16"	Lighted
34-588Q	On-Off-On	5	Blade	Std. 11/16"	Lighted

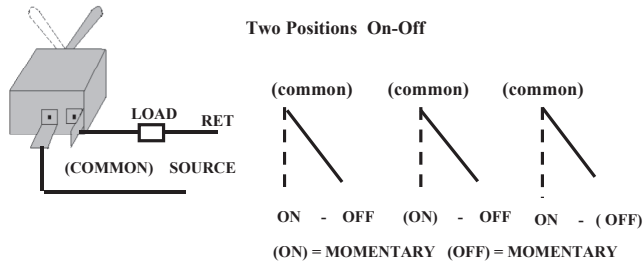
Q = Quick Connect .250 Terminals



(See page 23 for Circuit Diagrams)

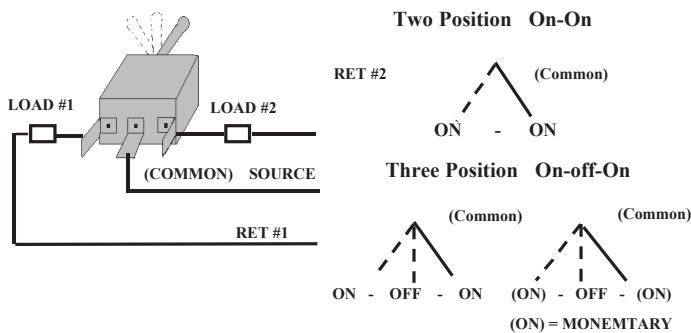
S.P.S.T, (Single Pole/Single Throw)

A two terminal switch which opens or closes one circuit.



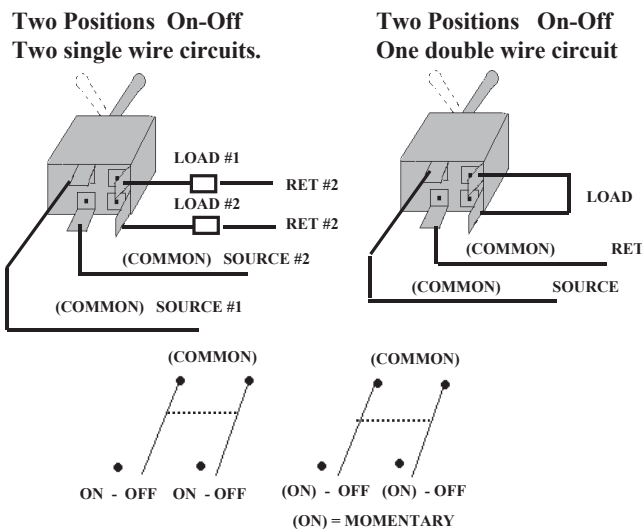
S.P.D.T. (Single Pole/Double Throw)

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



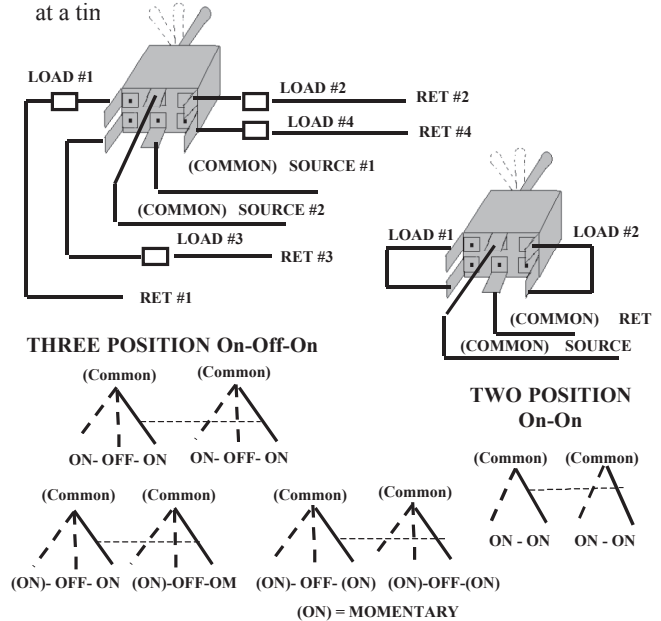
D.P.S.T. (Double Pole/Single Throw)

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



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.



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 POL£ 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