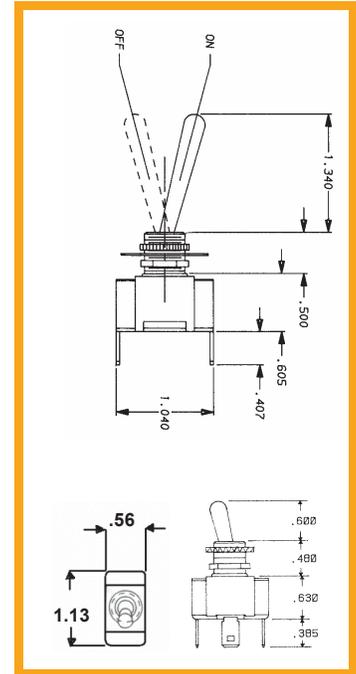


# SWITCHES

A complete selection of circuitry configurations for Truck, Off-Road, Automotive and Recreational Vehicle applications. Provides durable and long lasting solutions to new and replacement requirements. 20 Amps @ 12 VDC.

Part No.	Circuitry	No. of Terminals	Terminal Type	Handle Length	Handle Type	Notes
<b>S.P.S.T ( SINGLE POLE – SINGLE THROW )</b>						
33-302	On-Off	2	Screw	Std. 11/16"	Chrome	
34-571	On-Off	2	Screw	Std. 11/16"	Chrome	
34-571Q	On-Off	2	Blade	Std. 11/16"	Chrome	
34-571L	On-Off	2	Screw	Long 1.5"	Chrome	
34-571LQ	On-Off	2	Blade	Long 1.5"	Chrome	
34-579	On-Mom-Off	2	Screw	Long 1.5"	Chrome	
34-579Q	On-Mom-Off	2	Blade	Long 1.5"	Chrome	
34-570	Mom-On-Off	2	Screw	Std. 11/16"	Chrome	
34-570Q	Mom-On-Off	2	Blade	Std. 11/16"	Chrome	
<b>S.P.D.T ( SINGLE POLE – DOUBLE THROW )</b>						
34-572	On-On	3	Screws	Std. 11/16"	Chrome	
34-572Q	On-On	3	Blade	Std. 11/16"	Chrome	
34-573	On-Off-On	3	Screw	Std. 11/16"	Chrome	
34-573Q	On-Off-On	3	Blade	Std. 11/16"	Chrome	
34-575	Mom On-Off-Mom On	3	Screw	Std. 11/16"	Chrome	
34-575Q	Mom On-Off-Mom On	3	Blade	Std. 11/16"	Chrome	
34-596	On-Off-Mom On	3	Screw	Std. 11/16"	Chrome	
<b>D.P.S.T. ( DOUBLE POLE – SINGLE THROW )</b>						
34-574	On-Off	4	Screw	Std. 11/16"	Chrome	
34-574Q	On-Off	4	Blade	Std. 11/16"	Chrome	
<b>D.P.D.T. ( DOUBLE POLE – DOUBLE THROW )</b>						
34-576	On-On	6	Screw	Std. 11/16"	Chrome	
34-576Q	On-On	6	Blade	Std. 11/16"	Chrome	
34-577	On-Off-On	6	Screw	Std. 11/16"	Chrome	
34-577Q	On-Off-On	6	Blade	Std. 11/16"	Chrome	
34-577LQ	On-Off-On	6	Blade	Long 1.5"	Chrome	
34-578	Mom On-Off-On	6	Screw	Std. 11/16"	Chrome	
34-578Q	Mom On-Off-On	6	Blade	Std. 11/16"	Chrome	
34-580	Mom On-Off-Mom On	6	Screw	Std. 11/16"	Chrome	
34-580Q	Mom On-Off-Mom On	6	Blade	Std. 11/16"	Chrome	
34-580L	Mom On-Off-Mom On	6	Screw	Long 1.5"	Chrome	
34-580LQ	Mom On-Off-Mom On	6	Blade	Long 1.5"	Chrome	
34-591Q	Mom On-Off-Mom On	4	Blade	Std. 11/16"	Chrome	Reversing
34-591LQ	Mom On-Off-Mom On	4	Blade	Long 1.5"	Chrome	Reversing
34-592	On-On	6	Screw	Std. 11/16"	Chrome	Reversing
34-592Q	On-On	6	Blade	Std. 11/16"	Chrome	Reversing
34-593LQ	On-Off-On	6	Blade	Long 1.5"	Chrome	DHP Circuits Headlamp Switch

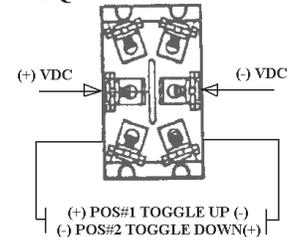
Q = Quick Connect .250 Terminals L = Long Handle 1.5"



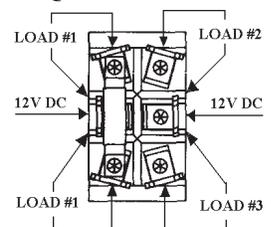
**34-571L** Long Handle Screw Terminals  
**34-592Q** Jumper Style

## WIRING DIAGRAMS

### 34-591Q

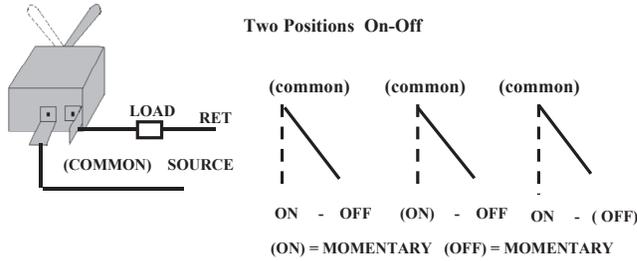


### 34-593Q



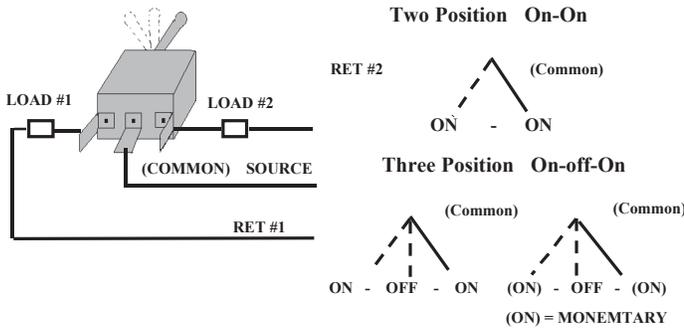
### S.P.S.T. (Single Pole/Single Throw)

A two terminal switch which opens or closes one circuit.



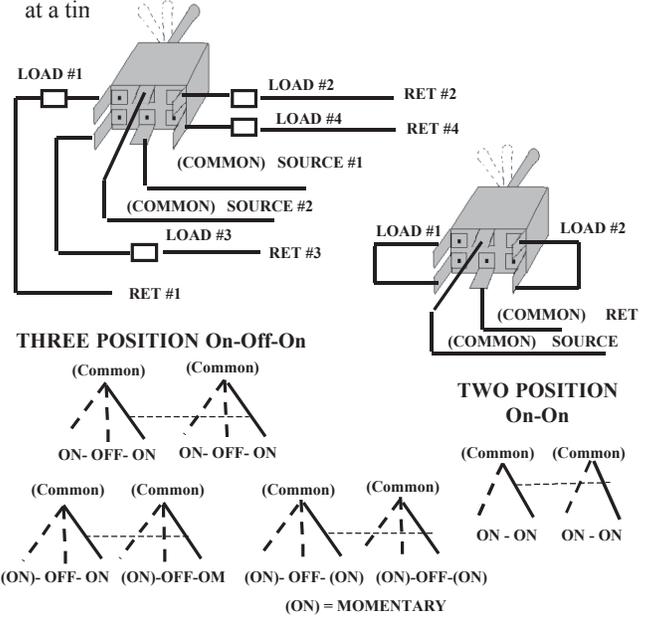
### S.P.D.T. (Single Pole/Double Throw)

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



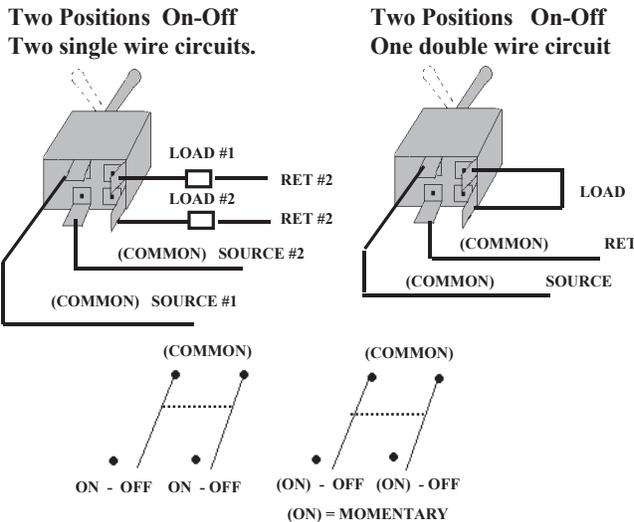
### D.P.D.T. (Double Pole/Double Throw)

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