

59024-000 Series 1" Paddle Handle Switches 25A

Silver contacts, 15/32" -32 thread mounting stem. Fits panels up to 1/4" (6.4mm) thick. Includes mounting hardware: black knurled facenut, hexnut. Keyway is in the down position. 1" (25.4mm) handle, black plastic, matte finish. 25A at 12V DC. Terminals: Brass 8-32 screw or .250 quick connect blade.



SPST

59024-100 On-Off

Up: On, Down: Off. Two blade terminals.

59024-101 On-Off

Up: On, Down: Off. O-ring seal in the stem. Two blade terminals.

59024-102 Mom On-Off

Up: Mom On, Down: Off. Two blade terminals.

59024-144 Mom On-Off

Up: Off, Down: Mom On. Two blade terminals.

59024-200 On-Off BP

Up: On, Down: Off. Two screw terminals.

59024-201 On-Off

Up: On, Down: Off. O-ring seal in the stem. Two screw terminals.

59024-202 Mom On-Off

Up: Mom On, Down: Off. Two screw terminals.

59024-244 Mom On-Off

Up: Off, Down: Mom On. Two screw terminals.

SPDT

59024-104 On-On

Up: On, Down: On. Three blade terminals.

59024-106 On-Off-On

Up: On, Center: Off, Down: On. Three blade terminals.

59024-108 Mom On-Off-Mom On

Up: Mom On, Center: Off, Down: Mom On. Three blade terminals.

59024-204 On-On

Up: On, Down: On. Three screw terminals.

59024-206 On-Off-On

Up: On, Center: Off, Down: On. Three screw terminals.

59024-208 Mom On-Off-Mom On

Up: Mom On, Center: Off, Down: Mom On. Three screw terminals.

DPST

59024-110 Mom On-Off

Up: Off, Down: Mom Off. Four blade terminals.

59024-210 On-Off

Up: On, Down: Off. Four screw terminals.

DPDT

59024-116 On-On

Up: On, Down: On. Six blade terminals.

59024-118 On-Off-On

Up: On, Center: Off, Down: On. Six blade terminals.

59024-126 Reversing switch for electrical motors

Reversing (polarity) switch for changing direction of permanent magnet electrical motors. Up: Mom On, Center: Off, Down, Mom On. Four blade terminals.

59024-150 Off-On-On, headlight switch

Up: On terminals 2, 3 & 6, Center: 2 & 3, Down, Off. Three blade terminals. For headlight, parking or tail light applications.

59024-216 On-On

Up: On, Down: On. Six screw terminals.

59024-218 On-Off-On

Up: On, Center: Off, Down: On. Six screw terminals.

REPLACEMENT **B3**

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



B toggle switches

B10 INFORMATION

SPST SPDT DPST DPDT

SP and DP refer to single pole and double pole, ST and DT refer to single throw and double throw.

Pole refers to the number of circuits controlled by the switch: SP switches control only one electrical circuit.

DP switches control two independent circuits (and act like two identical switches that are mechanically linked).

Do not confuse 'pole' with 'terminal'. The DPST switch, for example, has four terminals, but it is a DP, not a 4P switch.

Throw refers to the extreme position of the actuator:

ST switches close a circuit at only one position.

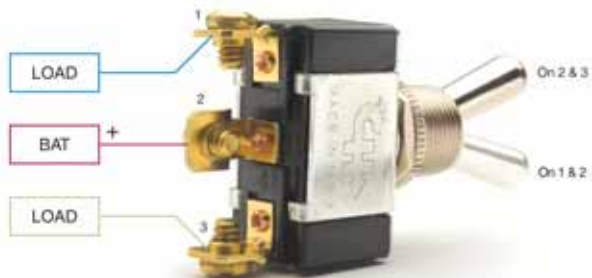
The other position of the handle is Off.

DT switches close a circuit in the Up position, as well as the Down position (On-On). A DT switch can also have a center position (frequently On-Off-On).

The following switch diagrams illustrate the most common types of toggle and rocker switch.



SPST On-Off



SPDT On-On

Only one of the loads can be energized at a time.



SPDT On-Off-On

Only one of the loads can be energized at a time.



DPST On-Off

Both load terminals can be energized at the same time. They are independent of each other and could be of different voltages.



DPDT On-On

Functions like two separate SPDT switches operated by the same actuator. Only two loads can be On at a time.



DPDT On-Off-On

Functions like two separate SPDT switches operated by the same actuator. Only two loads can be On at a time.

Single pole/throw and double pole/throw switches are by far the most common switches, but triple and quadruple configurations are also available. They are commonly denoted 3PST, 3PDT, 4PDT, etc. For our switches of this type, see Rotary Switches, section D1.