

FEATURES

- Momentary switch operation
- PCB (printed circuit board) mounting
- Non-illuminated
- Gold over silver contacts
- Single pole single throw (SPST) configuration
- IP rating of IP67 for water and dust resistance
- White actuator
- Voltage rating of 28 V DC
- Contact current rating of 100 mA @ 24 V DC
- Dome actuator
- Solder-lug terminator
- Contact DC voltage rating of 24 V

RS PRO Single Pole Single Throw (SPST) Momentary Push Button Switch, IP67, PCB, 28V dc

RS Stock No.: 820-0602



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Complete your circuit with the RS PRO single pole single throw (SPST) momentary push-button switch. Commonly used in commercial settings, it's often found in public telecommunications and lighting systems. It's made to a tough, anti-vandal design, and has an IK02 (impact protection rating) resistance to striking energy of 10 joules. This means it's well-suited to use in public kiosks, outside panels and open dashboards.

General Specifications

Type	LED
Switch Operation	Momentary
Contact Configuration	Single Pole Single Throw (SPST)
Illuminated	No
LED Colour	Blue
Actuator Colour	White
Actuator Shape	Dome
Case Colour	Silver
Applications	Test Equipment, Telecommunications, Networking, Handheld Appliances

Material Characteristics	
Case	Diallyl phthalate (DAP) (UL94V-0)
Bushing	Brass, nickel plated
Plunger	Thermoplastic polyester-black
Contact	Silver or gold plated
Terminals	Brass, silver plated
Hardware	Nut (nickel plated brass)

Electrical Specifications

Voltage Rating	28V dc
Terminal Type	Solder Lug
Actuator Type	Button

Contact Specifications

Contact AC Voltage Rating	120 V
Contact DC Voltage Rating	24V
Contact Current Rating	100 mA @ 24 V dc
Insulation Resistance	Apply 500VDC for 1min 5sec
Dielectric Strength	1,000VAC (50Hz-60Hz) RMS @ sea level
Electrical Life	200,000 make-and-break cycles at 100mA 24VDC 10,000 make-and-break cycles at 2A 125VAC

Mechanical Specifications

Mounting Type	PCB
Mechanical Life	Min. 1,000,000 cycles without load
Torque	5~14Nm max. applied to nut

Operation Environment Specifications

Storage Temperature	-30°C to 85°C
Maximum Operating Temperature	85°C
Minimum Operating Temperature	-30°C
Cold Test	Stored at temperature -20(+/-3)Celsius degree for 48 hours,
Hot Test	Stored at temperature +55(+/-3)Celsius degree for 48 hours, shall result no changes to switch's electrical performance
Humidity Test	Stored at temperature 40(+/-3)Celsius degree with relative humidity 90%~95% for 48 hours,

Protection Category

IP Rating	IP67
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Approvals



