## FEATURES

- Stainless steel robust construction
- Anti-vandal design
- Easy installation
- Screw terminals
- Illuminated & no light options
- 16mm – 30mm options
- IP rated
- Range of voltages

# RS PRO Push Button Switches

**RS Stock No.: 2489143**

Image for illustration purposes only

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

- *High quality panel mount switches constructed from stainless steel for superior durability for both internal and external applications.*
- *Typically used for door and gate entry control, plant and machinery, control panels, escalators and moving walkways, lifts and instrument control, process handling and access equipment.*
- *Often used with panel mount indicators, panel alarms, buzzers and display screens.*

## General Specifications

| | |
|---|---|
| **Type** | SW 19mm Scr Lat Dot Rd 12V |
| **Switch Operation** | Latching |
| **Contact Configuration** | 1NO1NC DPST |
| **Illuminated** | Yes |
| **LED Voltage** | 12V |
| **LED Colour** | Red |
| **Actuator Shape** | Round |
| **Legend** | Dot |
| **Package Contains** | 1 x Switch, 1 x Hex Nut, 1 x O-Ring |

| **Material Characteristics** | |
|---|---|
| **Case** | Stainless Steel |
| **Base** | PBT |
| **Contact** | Silver alloy |
| **Terminals** | Screw |

## Electrical Specifications

| | |
|---|---|
| **Voltage Rating** | 250VAC |
| **Terminal Type** | Screw |
| **Wire Range** | 1.5mm2 |

| Contact Specifications | |
|---|---|
| **Contact Current Rating** | 5A at 250VAC |
| **Contact Resistance** | ≤50mΩ |
| **Insulation Resistance** | ≥1,000MΩ |
| **Dielectric Strength** | 1,780VAC |
| **Total Travel** | 3.0mm +/- 0.2mm |
| **Electrical Life** | ≥50,000 Cycles at Full Load |

## Mechanical Specifications

| | |
|---|---|
| **Mounting Type** | Panel Mount |
| **Panel Thickness** | 1mm (min) to 10mm (max) |
| **Panel Cut Out Diameter** | 19.20mm |
| **Mechanical Life** | ≥1,000,000 operations |
| **Actuating Force** | 3-5N |
| **Torque** | 5-14Nm |

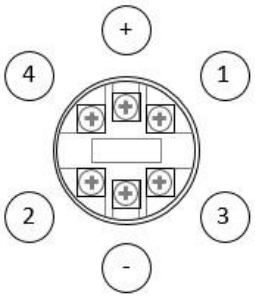
## Operation Environment Specifications

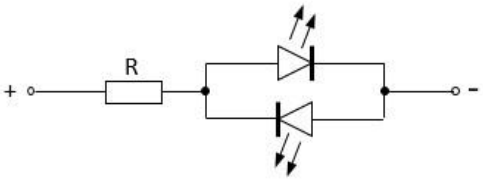
| | |
|---|---|
| **Maximum Operating Temperature** | +80°C |
| **Minimum Operating Temperature** | -40°C |

## Protection Category

| | |
|---|---|
| **IP Rating** | IP65 |
| **Impact Protection Rating** | IK10 |

## DIMENSIONAL/SCHEMATIC DIAGRAMS / ILLUSTRATIONS




The LED illumination is polarity insensitive