

## 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.: 2489201



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

|                              |                                     |
|------------------------------|-------------------------------------|
| <b>Type</b>                  | SW 22mm Scr Lat Pwr Gn 12V          |
| <b>Switch Operation</b>      | Latching                            |
| <b>Contact Configuration</b> | 1NO1NC DPST                         |
| <b>Illuminated</b>           | Yes                                 |
| <b>LED Voltage</b>           | 12V                                 |
| <b>LED Colour</b>            | Green                               |
| <b>Actuator Shape</b>        | Round                               |
| <b>Legend</b>                | Power                               |
| <b>Package Contains</b>      | 1 x Switch, 1 x Hex Nut, 1 x O-Ring |

| Material Characteristics |                 |
|--------------------------|-----------------|
| <b>Case</b>              | Stainless Steel |
| <b>Base</b>              | PBT             |
| <b>Contact</b>           | Silver alloy    |
| <b>Terminals</b>         | Screw           |

## Electrical Specifications

|                       |                    |
|-----------------------|--------------------|
| <b>Voltage Rating</b> | 250VAC             |
| <b>Terminal Type</b>  | Screw              |
| <b>Wire Range</b>     | 1.5mm <sup>2</sup> |

| 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 | 22.20mm                            |
| Mechanical Life        | ≥1,000,000 operations              |
| Actuating Force        | 3-5N                               |
| Torque                 | 5-14Nm applied to rear locking nut |

## 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

