

FEATURES

- Waterproof rated to IP65
- 16mm Ø panel cut out
- Rated to 5A 250Vac (8A 125Vac)
- Silver contacts
- Insulation resistance >50MΩ
- 2kgf actuating force
- Mechanical Life 100,000 operations minimum
- Electrical Life 50,000 operations minimum
- -25 to +55°C operating temperature range

RS PRO Double Pole Double Throw (DPDT) Latching Push Button Switch, IP65, 16 (Dia.) mm, Panel Mount, Emergency Stop

RS Stock No.: 745-2442



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

This Emergency Stop (E-stop) switch from our own RS PRO brand is designed to fit industry standard 16mm diameter cut-out in panels with a thickness between 0.5 and 5mm. Each E-stop switch is provided pre-assembled with a 1NO/1NC + 1NO/1NC Contact Block with 2.8x0.5mm universal terminals that allow either direct soldering or plug in receptacles. Installation is quick and easy due to the removable contact block and once fully assembled onto the panel the Emergency Stop (E-stop) switch has a waterproof panel sealing to IP65. The E-stop switch has a red 24mm diameter actuator head which protrudes 18mm from the panel, with a behind panel depth of 42.4mm.

General Specifications

Switch Operation	Latching
Contact Configuration	Double Pole Double Throw (DPDT)
Illuminated	Yes
Actuator Colour	Red
Actuator Shape	Round
Legend	Emergency Stop
Applications	Test Equipment, Telecommunications, Networking, Handheld Appliances

Electrical Specifications

Voltage Rating	250V ac
Terminal Type	Tab
Wire Range	2 max 1x1.5mm
Cable Range	2 x 0.75mm ² /1 x 1.0mm ² Max

Contact Specifications	
Contact AC Voltage Rating	250V
Insulation Resistance	50MOhm (Initial)
Insulation Withstand Voltage	2000VAC 60Hz 1min
Allowable Operating Frequency	Mechanical 20 operations/min max, Electrical 10 operations/min max.
Electrical Life	50,000 operations min

Mechanical Specifications

Mounting Type	Panel Mount
Panel Cut Out Size	16 (Dia.)mm
Panel Thickness	0.5 to 5.0 mm
Panel Cut Out Diameter	16mm
Mechanical Life	100,000 operations min
Actuating Force	2.0 kgf
Quick-Connect Terminal	max 2.8mm x 0.5mm

Operation Environment Specifications

Storage Temperature	-40°C to 70°C
Maximum Operating Temperature	55°C
Minimum Operating Temperature	-25°C

Protection Category

IP Rating	IP65
Electric Shock Protection Class	IEC 947-5-1
Degree of Contamination	Class II

Approvals

Compliance/Certifications	EN61340
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Panel Thickness 0.5 To 5.0

