

## Datasheet

# IP65 DPDT-2NO/2NC Panel Mount Push Button Switch, 8 A

RS Stock number [745-2442](#)



### Description:

Emergency Stop (E-stop) switch 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. Red 24mm diameter actuator head which protrudes 18mm from the panel, with a behind panel depth of 42.4mm.

- 28/32 mm large pusher to ensure the exact actuation movement
- Easy operation with a thumb or a glove without reducing the convenience
- Resetting design in off position, proving the convenient usage
- High actuation force to prevent the accidental touch from stopping the machines and causing danger and damage
- Illuminated with options of incandescent, LED or Neon lamps to have a better result
- IP65 degree for water-proof, liquid and oil-proof enables the device to be used in different application.
- With two kinds of head shape & safety design to match with different control panels
- Removable operation contacts design for easy installation
- Easy disassembly and additional contacts are available
- Golden plating with high stability and long mechanical life
- With special terminal design, can be used in different PCBs by using soldering or plug-in terminal

### Specifications:

Contact Configuration:	DPDT-2NO/2NC
Contact Current Rating:	8 A
Contact Material:	Silver
IP Rating:	IP65
Maximum Operating Temperature:	+55°C
Minimum Operating Temperature:	-25°C
Mounting Type:	Panel Mount
Panel Cut Out Diameter:	16mm
Panel Cut Out Size:	16mm
Terminal Type:	Tab
Electrical Rating:	250V AC 5A(VDE) 125V AC 8A
Insulation Resistance:	50MΩ(initial)according to IEC512-2
Mechanical Life:	100,000 operations min
Electrical Life:	50,000 operations min
Electric Shock Protection Class:	IEC 947-5-1
Insulation Withstand Voltage:	2000V AC60Hz 1min. between all terminals and ground
Allowable Operating Frequency:	Mechanical 20 operations/min max Electrical 10 operations/min max.
Actuating Force:	2.0 kJ
Terminal:	Soldering / plug-in type
Quick-Connect Terminal:	max 2.8 x 0.5mm
Wire Range:	2 max 1x1.5mm
Cable Range:	2x0.75mm <sup>2</sup> /1x1.0mm <sup>2</sup> Max
Lighting:	LED/incandescent/neon
Storage Temperature:	-40°C~+70°C
Degree of Contamination:	class II
Degree of Protection:	IP65

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Panel Thickness 0.5 To 5.0

