

YUEQING DAIER ELECTRON CO., LTD

Add: No.1636 Lihuang Rd, Liushi Town, Yueqing City, Zhejiang, China

12 mm Plastic Push Button Switch Instructions

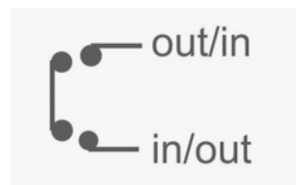
Features

- The push button switch is designed and developed using advanced technology:
- Waterproof rating: IP67
- Operating temperature under harsh conditions: -40°C to $+70^{\circ}\text{C}$ (-40°F to $+158^{\circ}\text{F}$)
- Long expected service life
- Non-polarized wiring
- RoHS compliant
- Protection against the ingress of dirt, dust, and water
- Vandal-resistant
- Heavy-duty, non-magnetic, and corrosion-resistant; suitable for indoor and outdoor applications

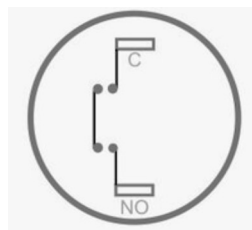
Applications

- Mining equipment
- Access control systems
- Medical equipment
- Emergency call systems
- Elevator control systems
- Cleanroom interfaces

Contact Type



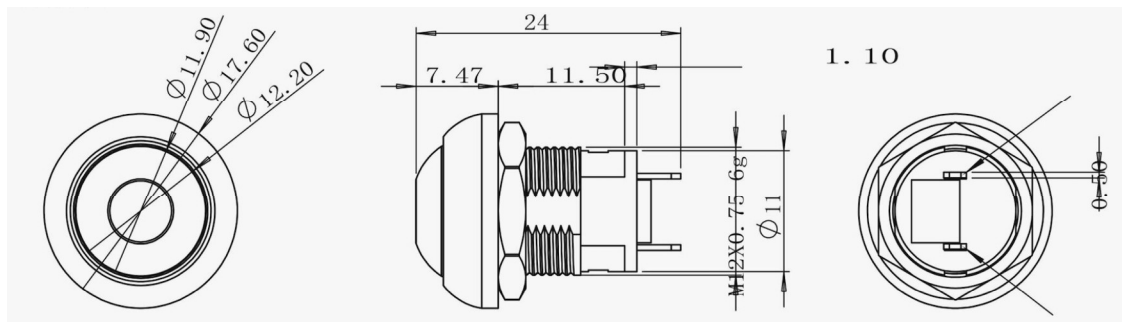
Contact Description



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Overall Dimensions



Technical Specifications

Item	Specification
Product Name	Dome-Shaped Plastic Push Button Switch
Model	DS-12B
Button/Cap Color	Red / Green / Yellow / Orange / Blue / White / Black
Operating Temperature	-25°C to +55°C
Storage Temperature	-40°C to +70°C (-40°F to +158°F)
Operating Humidity	10%~99% RH
Input Voltage	≤ 24 VDC/AC
Input Current	≤ 2 A
Contact Resistance	< 50 m Ω
Insulation Resistance	> 100 M Ω at 500 VDC
Dielectric Strength	> 2000 VAC for 1 minute
Response Time	< 50 ms
Operating Force	3~6 N
Protection Rating	IP67 / IK10
Mechanical Life	$> 100,000$ operations
Available Materials	Plastic, 304/316 Stainless Steel, Aluminum, Chrome-Plated Brass
Connection Type	Solder Pins
Operating Type	Self-Locking / Latching

Certificate: CE