PUSHBUTTON SWITCHES

MINIATURE SEALED ESD RESISTANT

This switch series is rugged, panel sealed, available with round or square bezels and LED lighted or non-lighted. Bushing mount or snap-in mounting available. Series 49 switches are ideal for demanding applications in harsh environments where water, moisture or dust are problematic.

APPLICATIONS

- Industrial equipment control handles
- Dog training control modules
- Outdoor controls
- Medical equipment
- Beverage dispensing

KEY FEATURES:

- Normally open or closed circuitry
- Momentary action
- LED lighted or non-lighted
- .110 Quick Connect or Solder terminals available

ORDERING INFORMATION:

| Gold of | contacts |
|-----------------------------|----------|
|-----------------------------|----------|

- ESD 15KV minimum
- Panel sealed to IP67
- Long life up to 1 million cycles

Series 49

• Threaded or snap-in mounting

| Part Number | Body Style | Button Color | LED Color | Contacts | Terminals |
|-------------|-------------------|--------------|-----------|-----------------|-----------|
| 49-111 | Round bezel | Black | _ | Normally Open | Solder |
| 49-112 | Round bezel | Red | _ | Normally Open | Solder |
| 49-113 | Round bezel | Green | _ | Normally Open | Solder |
| 49-411G | Illuminated round | Black | Green | Normally Open | Solder |
| 49-411R | Illuminated round | Black | Red | Normally Open | Solder |
| 49-412G | Illuminated round | Red | Green | Normally Open | Solder |
| 49-412R | Illuminated round | Red | Red | Normally Open | Solder |
| 49-413G | Illuminated round | Green | Green | Normally Open | Solder |
| 49-413R | Illuminated round | Green | Red | Normally Open | Solder |
| 49-9111 | Snap-in round | Black | _ | Normally Open | Solder |
| 49-9113 | Snap-in round | Green | _ | Normally Open | Solder |
| 49-611 | Round bezel | Black | _ | Normally Closed | Solder |
| 49-612 | Round bezel | Red | _ | Normally Closed | Solder |
| 49-613 | Round bezel | Green | _ | Normally Closed | Solder |
| 49-131 | Round bezel | Black | _ | Normally Open | .110 QC |
| 49-132 | Round bezel | Red | _ | Normally Open | .110 QC |
| 49-133 | Round bezel | Green | _ | Normally Open | .110 QC |

STANDARDS / AGENCY / RATINGS:



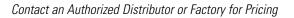








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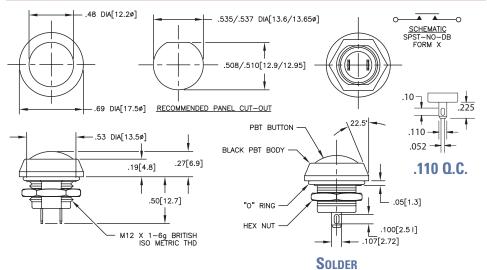




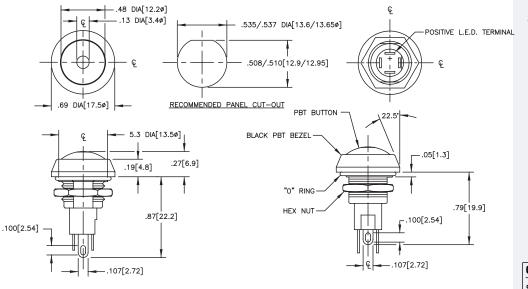
ACTUAL SIZE

SERIES 49: MINIATURE SEALED ESD RESISTANT

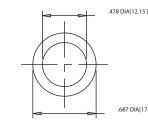
49-11X & 49-61X SERIES

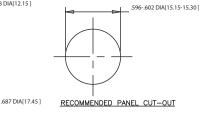


49-41X SERIES

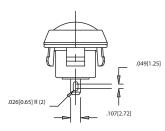


49-91X SERIES











Mechanical / Electrical Characteristics:

Circuit: SPST-NO-DB or SPST-NC-DB

Travel (nominal): 0.09 inches / 2.3 mm

Life (nominal): 1,000,000 cycles (mechanical) 500,000 cycles (electrical)

Operating temperature: -20°C to +85°C (-4°F to +185°F)

Operating force (nominal): 3N / 306 grams

Contact bounce (nominal): 1 millisecond

LED:

T-1

Dielectric strength: 1,000 VAC

Insulation resistance: 1 G Ω

Contact resistance: 50 m Ω max (initial)

Switching power (max): 16 VA AC

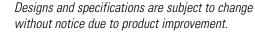
Mounting Torque (max): 15 inch pounds

Electrical Ratings:

| Circuitry | Current | Voltage |
|------------|---------|-------------|
| SPST-DB-NO | 400 mA | 32 VAC Res |
| SPST-DB-NC | 100 mA | 50 VDC Res |
| | 125 mA | 125 VAC Res |

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*O' RING (OPTIONAL)



800.544.3354

PUSHBUTTON SWITCHES

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

ITW Switches:

49-9111 49112 49113 49114 49411G 49411R 49-111 49-611 49-5911530004