

IT 40 series

Mains pushbutton switches - 6000V dielectric strength

Distinctive features and specifications



☐ Mains pushbutton switches for PC boards

☐ Highest dielectric 6 KV

☐ Latchdown mechanism

ELECTRICAL SPECIFICATIONS

- Max. current/voltage rating with resistive load : see table below
- Insulation resistance : 10.000 M Ω min. at 500VDC
- Dielectric strength : 6.000 Vrms 50 Hz min.
(other components to be kept outside protection area A to preserve 6KV on PCB - see drawing on next page)
- Electrical life at full load : 20.000 cycles

CURRENT/VOLTAGE RATINGS	
Certified ratings	Inrush current
IEC 65 NFC 92130 (L.C.I.E. certificate)	according to UL1054
1,5/56A 250VAC 20.000 cycles	TV3 250VAC 25.000 cycles

MATERIALS

- Case and cover : polyester
UL VO
- Plunger : polyamide 6-6
- Contacts : silver/nickel alloy
(Ag/Ni)
- Other molded parts in
UL approved materials

GENERAL SPECIFICATIONS

- Low level or mechanical life : 50.000 cycles min.
- Operating temperature : -10°C to +85°C
- Storage temperature : -30°C to +85°C
- Total travel : 8 mm (.314)

Dimensions : first dimensions are in mm while inches are shown as bracketted numbers.



Packaging unit : 40 pieces

Mains pushbutton switches - 6000V dielectric strength

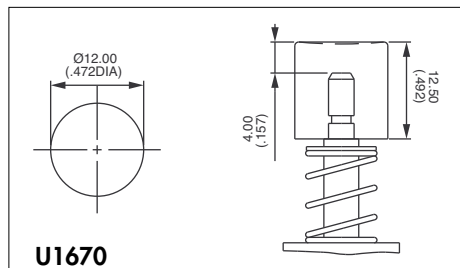
██████████



IT 40 series

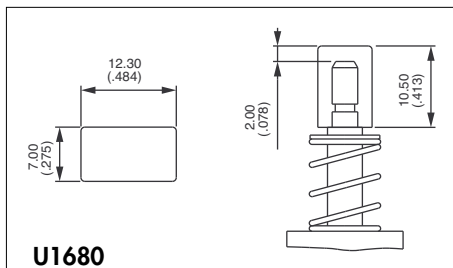
Mains pushbutton switches - 6000V dielectric strength

CAPS



U1670

Round cap



U1680

Rectangular cap

Cap colours

Replace "0" by
number

- | | |
|-----|-----------|
| 1 | blue |
| 1/4 | dark blue |
| 2 | black |
| 3 | green |
| 4 | grey |
| 5 | yellow |
| 6 | red |
| 7/1 | white |
| 9 | orange |

Mouser Electronics

Authorized Distributor

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

[Apem:](#)

[IT4100200](#)