## MT series Sealed selector switches

Distinctive features - Specifications

U1603R2US



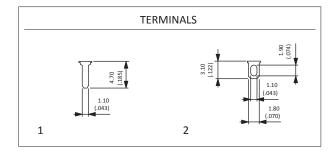
- ☐ Environmentally sealed selector switch (IP68)
- ☐ Multiple functions available
- ☐ Various contact materials that allow usage from dry circuit applications up to 4A

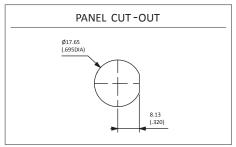
## **ELECTRICAL AND GENERAL SPECIFICATIONS**

- Max. current/voltage rating with resistive load
  - Silver contacts (A): 4A 30VDC
  - Gold plated silver contacts (AD): 4A 30VDC (gold plating withstands up to 100mA 30VDC)
- Gold plated brass contacts (CD): 0,4VA 20VAC or DC
- Minimal load :
  - A contacts: 50mA 10VDC
  - AD and CD contacts: 10mA 50mV 10µA 5V
- Initial contact resistance :  $10m\Omega$  max.
- Insulation resistance : 1.000 M $\Omega$  min. at 500VDC
- Dielectric strength: 1.000 Vrms 50Hz min. between terminals 1.500 Vrms 50Hz min. between terminals and frame
- Contact bounce : 2ms max.
- Electrical life at full load : 50,000 cycles
- Low level or mechanical life: 100,000 cycles
- Panel thickness : 11.5 mm (.452) max.
- Operating temperature : -40°C to +85°C

## MATERIALS

- Actuator: 6/6 nylon soft touch: thermoplastic elastomer over 6/6 nylon
- Bushing : brass, chrome plated
- Contacts
  - A: silver
  - AD: silver, gold plated CD: brass, gold plated
- Terminal seal : epoxy





Dimensions: First dimensions are in mm while inches are shown as bracketed numbers.



Mounting accessories: Standard hardware supplied: 1 hex nut 20.64 mm (.813) across flats and 1 sealing gasket.



Packaging unit: 40 pieces per tray

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