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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

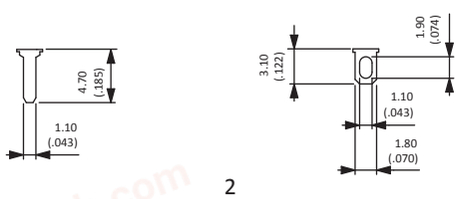
ELECTRICAL AND GENERAL SPECIFICATIONS

- 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 : 10mΩ max.
- Insulation resistance : 1.000 MΩ 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

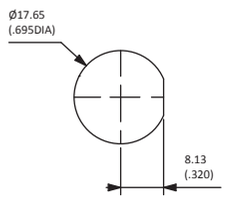
MATERIALS

- 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

TERMINALS



PANEL CUT-OUT



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

Note: The company reserves the right to change specifications without notice.

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SERIES

Bushing finish

Blank	Bright chrome
G	Matte black (std)

Electrical functions

6	ON	-	ON
9	ON	OFF	ON
7	MOM	OFF	MOM
8	ON	OFF	MOM
2	ON	-	MOM

Terminals

1	Straight PC
2	Solder lug

Contact materials

A	Silver
AD	Gold plated silver
CD	Gold plated brass

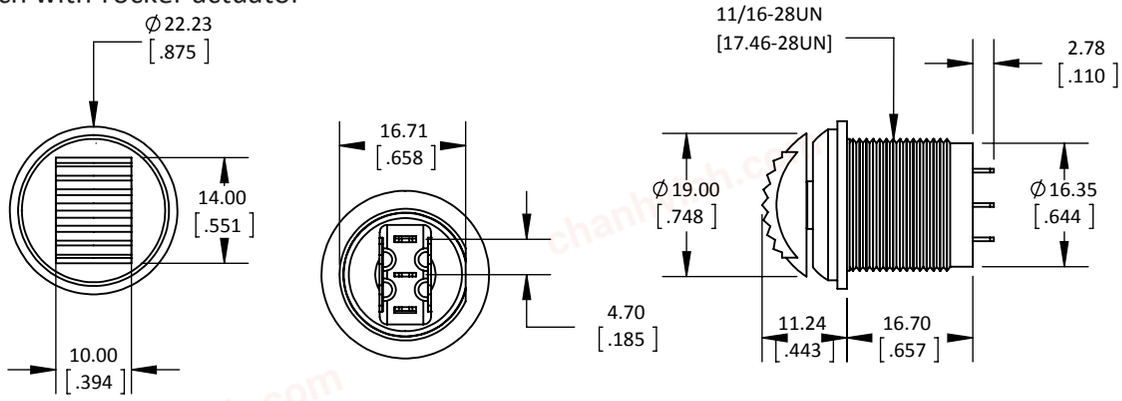
Actuators

2	Rocker, black
3	Winged, black
4	Paddle, black
5	Winged, soft touch, black
6	Paddle, soft touch, black

Other : on request.

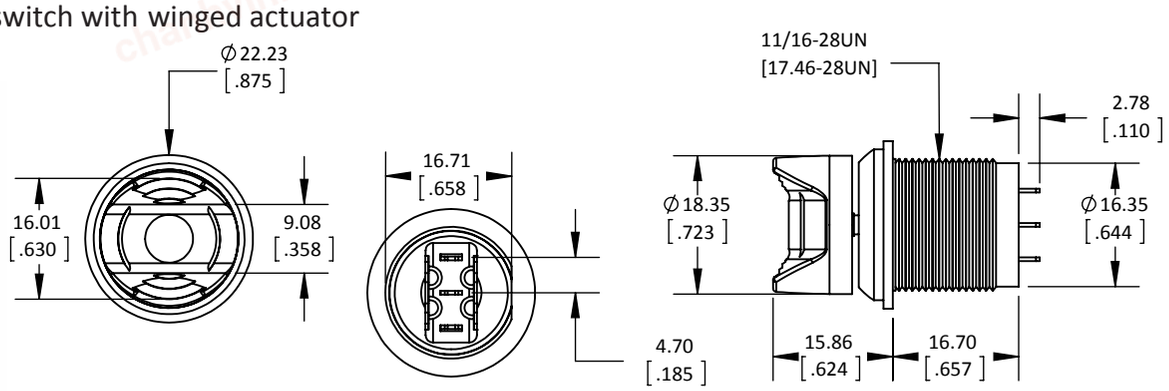
Sealed selector switch with rocker actuator





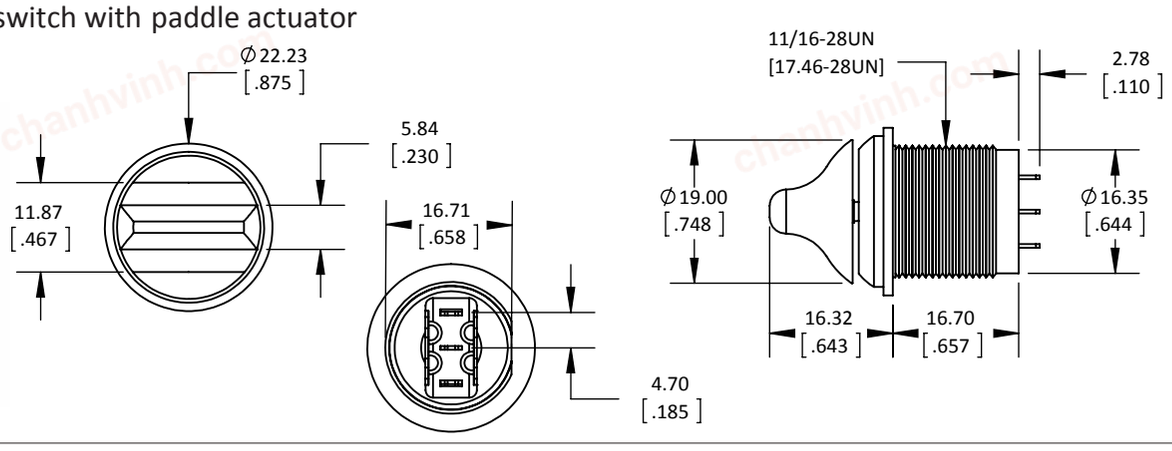
Sealed selector switch with winged actuator





Sealed selector switch with paddle actuator





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