

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

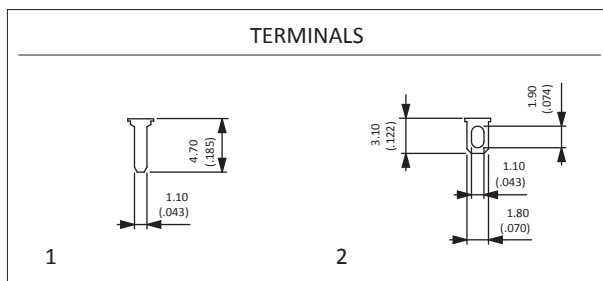
ELECTRICAL AND GENERAL SPECIFICATIONS

- 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

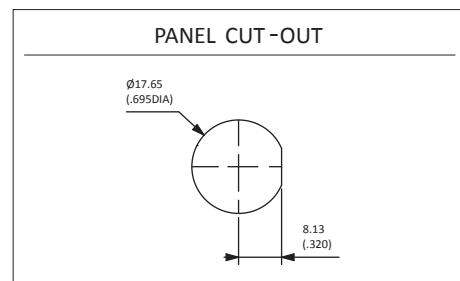
MATERIALS

- 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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MT

SERIES

Bushing finish

BlankBright chrome
GMatte 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

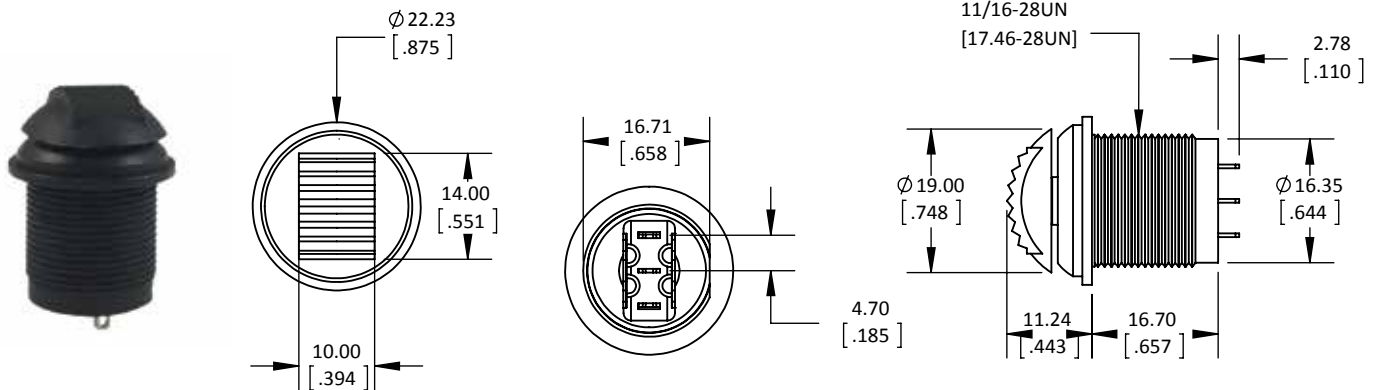
Contact materials

A Silver
AD Gold plated silver
CD Gold plated brass

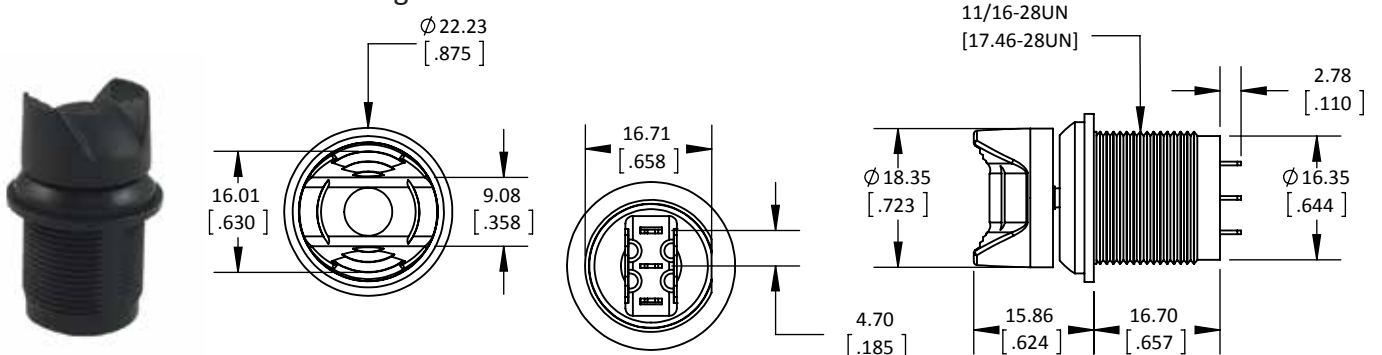
Actuators

2 Rocker, black
3 Winged, black
4 Paddle, black
5 Winged, soft touch, black
6 Paddle, soft touch, black
Other : on request.

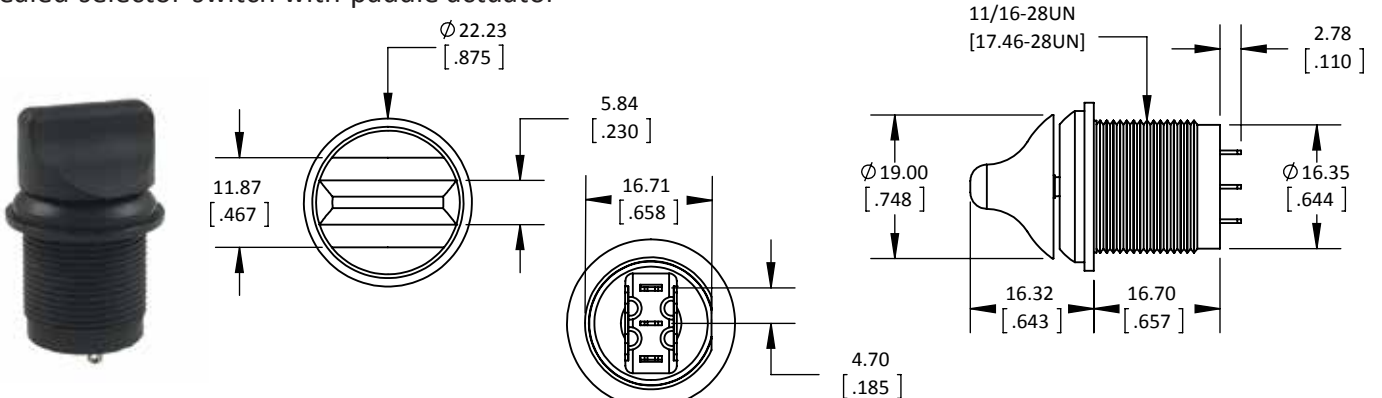
Sealed selector switch with rocker actuator



Sealed selector switch with winged actuator



Sealed selector switch with paddle actuator



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Mouser Electronics

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