

# MT series

## Sealed selector switches

*Distinctive features - Specifications*

UG1410A



- Environmentally sealed selector switch (IP68)
- Multiple single 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 - 10 $\mu$ A 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
- 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.



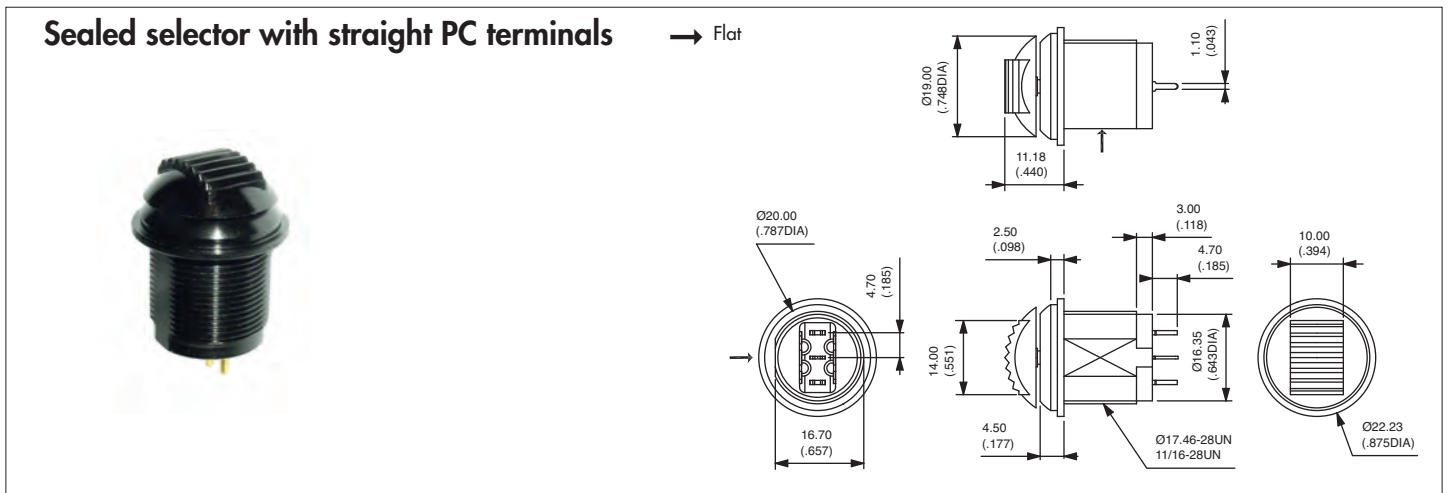
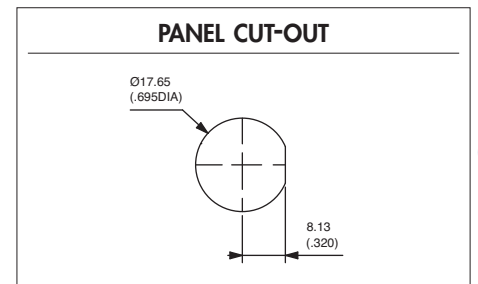
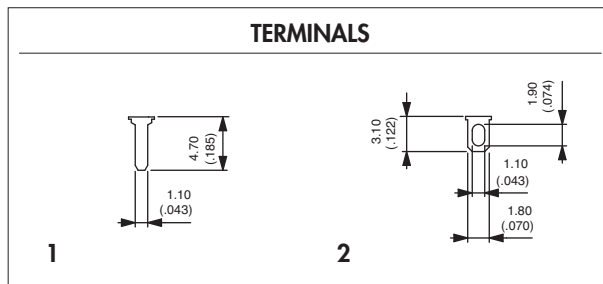
**Packaging unit** : 25 pieces or 50 pieces depending on model

The company reserves the right to change specifications without notice.

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<b>MT</b>																									
<b>SERIES</b>	<b>Bushing finish</b>		<b>Terminals</b>		<b>Actuator colour</b>																				
	<b>Blank</b> Bright chrome <b>G</b> Matt black (std)		<b>1</b> Straight PC <b>2</b> Solder lug		<b>2</b> Black Other : on request.																				
	<b>Electrical functions</b>			<b>Contact materials</b>																					
	<table border="1"> <tr><td>6</td><td>ON</td><td>-</td><td>ON</td></tr> <tr><td>9</td><td>ON</td><td>OFF</td><td>ON</td></tr> <tr><td>7</td><td>MOM</td><td>OFF</td><td>MOM</td></tr> <tr><td>8</td><td>ON</td><td>OFF</td><td>MOM</td></tr> <tr><td>2</td><td>ON</td><td>-</td><td>MOM</td></tr> </table>			6	ON	-	ON	9	ON	OFF	ON	7	MOM	OFF	MOM	8	ON	OFF	MOM	2	ON	-	MOM	<b>A</b> Silver <b>AD</b> Gold plated silver <b>CD</b> Gold plated brass	
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9	ON	OFF	ON																						
7	MOM	OFF	MOM																						
8	ON	OFF	MOM																						
2	ON	-	MOM																						



To order a product, select the desired codes in the above overview.