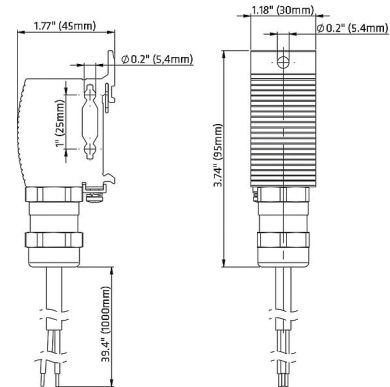


REX 011

EXPLOSION PROOF | 15°C, 25°C (T6) HAZARDOUS AREA THERMOSTAT

Compact, small mechanical thermostat offering a high response accuracy, small switching difference, and a very long service life (switching cycles). This thermostat of temperature class T6 (140 °F / 60 °C max.) is utilized for the regulation of heaters deployed in hazardous areas. The high switching performance allows direct control of a heater.

Temperature Class	T6
Ex Protection type Ex II 2 GD Gases Dusts	Ex db IIC T6 Gb Ex tb IIIC T85 °C Db IP66
Ambient Temperature	-76 to +140 °F (-60 to +60 °C)
Sensor Element	thermostatic bimetal
Service Life	> 100,000 cycles
Max. Switching Capacity	10 A* resistive @ AC 250 V, 1 A resistive @ DC 24 V
Min. Switching Capacity	DC 1.5 V 5 mA
Max. Inrush Current	AC 16 A for 12 sec.
Connection	halogen-free silicone cable 3 x AWG 18 (1.0 mm ²)
Connection Pe	AWG 18 to 14 (1.0 to 2.5 mm ²)
Mounting	clip for 35mm DIN rail, EN 60715 screw mounting M5, optional sideways mounting
Housing	aluminum, silver anodized
Dimensions	3.7 x 1.8 x 1.9" (95 x 45 x 30 mm)
Weight	approx. 0.66 lbs (0.3 kg)
Mounting Position	variable
Storage Temperature	-76 to +185 °F (-60 to +85 °C)
Operating / Storage Humidity	max. 90 % RH (non-condensing)
Protection Class / Type	I (grounded) / IP66
Approvals	EPS 16 ATEX 1 118 X IECEX EPS 16.0054X EAC



Dimensioned Drawing.

- For use in hazardous areas
- High switching capacity
- Compact Design
- "Pre-set" temperature
- Ready-to-use with strain relief
- Temperature class T6

*currents above 4A affect the switching difference



Part No.	Contact Type (1-Pole)	Switch Temperature	Switching Difference (Hysteresis)
01185.0-00	Normally Closed (NC)	59 °F / 15 °C (± 5 °F / 3 K tolerance)	9 °F ± 5 °F tolerance (5 K ± 3 K)
01185.1-00	Normally Closed (NC)	77 °F / 25 °C (± 5 °F / 3 K tolerance)	9 °F ± 5 °F tolerance (5 K ± 3 K)