## **Hazardous Area Thermostats**





## **Applications**

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 (185°F/85°C max.) is utilized for the regulation of heaters deployed in hazardous areas. High current performance allows direct control of a heater.

## **Features**

- For use in hazardous areas
- High switching capacity
- Compact design
- "Pre-set" temperatures
- Ready to use with strain relief
- Temperature class T6
- · DIN rail mounting

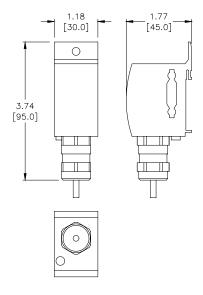






011850-00

## **Dimensions**



Hazardous Area Thermostat Specifications				
Temperature Class	T6			
Ex Protection Type Ex 11 2 GD Gases	Ex db IIC T6 Gb			
Dusts	Ex tb IIIC T85 °C Db IP66			
Ambient Temperature	-76 to 185°F [-60 to 85°C]			
Sensor Element	Thermostatic bimetal			
Service Life	> 100 000 cycles			
Max. Switching Capacity	AC 250V 10A* DC 24V 1A			
Min. Switching Capacity	DC 1.5V 5mA			
Max. Inrush Current	AC 16A for 12 sec.			
Connection	Silicone cable (halogen-free) 3 x 18 AWG (0.82 mm²), length 3ft [1m]			
Housing	aluminum, silver anodized			
Mounting	Clip for 35mm DIN rail, EN 60715 M5 screw mounting, optional sideways mounting			
Mounting Position	Variable			
Operating / Storage Humidity	max. 90 % RH (non-condensing)			
Storage Temperature	-76 to 185°F [-60 to 85°C]			
Weight	0.66 lb [300 g]			
Protection Type / Protection Class	IP66 / I (grounded)			
Approvals	EPS 16 ATEX 1 118 X IECEX EPS 16.0054X EAC, CE 0081 🐼 11 2 GD			
Note: *Currents above 4 A affect the switching difference.				

Hazardous Area Thermostat					
PartNumber	Price	Contact Type	Switch Temperature	Switching Difference (Hysteresis)	
011850-00	\$126.00	Normally Closed	59°F ±5°F [15°C ± 3K]	9°F ± 5°F / tolerance [5°C ± 3K]	
011851-00	\$126.00	Normally Closed	77°F ±5°F [25°C ±3K]	9°F ± 5°F / tolerance [5 °C ± 3K]	