

HAZARDOUS AREA THERMOSTAT

REx 011 | 15 °C, 25 °C (T6)





- > For areas with explosion hazard
- > High switching capacity
- > Compact Design

- > Set temperature
- > Ready-to-use with strain relief
- > Temperature class T6

Compact, small mechanical thermostat offering a high response accuracy, small switch temperature difference, and a very long service life (switching cycles). This thermostat of temperature class T6 (85 °C max.) is utilised for the regulation of heaters deployed in areas with explosion hazard. The high switching performance allows direct control of a heater.









TECHNICAL DATA

Temperature class	T6	
Ex Protection type (II 2 GD Gases Dusts	Ex db IIC T6 Gb Ex tb IIIC T85°C Db IP66	
Ambient temperature	-60 to +85 °C (-76 to +185 °F)	
Sensor element	thermostatic bimetall	
Service life	> 100,000 cycles	
Max. switching capacity	AC 250 V 10 A ¹	
Min. switching capacity	DC 1.5 V 5 mA	
Max. inrush current	AC 16 A for 12 sec.	
Connection	silicone cable (halogen-free) 3 x 1 mm², length 1 m	
Connection PE	1.0 to 2.5 mm ²	
Mounting	clip for 35 mm DIN rail, EN 60715 screw fixing M5, optional widthwise mounting	
Casing	aluminium, silver anodised	
Dimensions	95 x 45 x 30 mm	
Weight	approx. 0.3 kg	
Fitting position	variable	
Storage temperature	-60 to +85 °C (-76 to +185 °F)	
Operating/Storage humidity	max. 90 % RH (non-condensing)	
Protection type/Protection class	IP66 / I (earthed)	
Approvals	EPS 16 ATEX 1 118 X IECEX EPS 16.0054X EAC	

¹ currents above 4 A affect the switch temperature difference

45 Ø5.4	Ø5.4
	95
1000	

Art. No.	Contact type (1-pole)	Switch temperature	Switch temperature difference
01185.0-00	Contact breaker (NC)	+15 °C (±3 K tolerance)	5 K (±3 K tolerance)
01185.1-00	Contact breaker (NC)	+25 °C (±3 K tolerance)	5 K (±3 K tolerance)