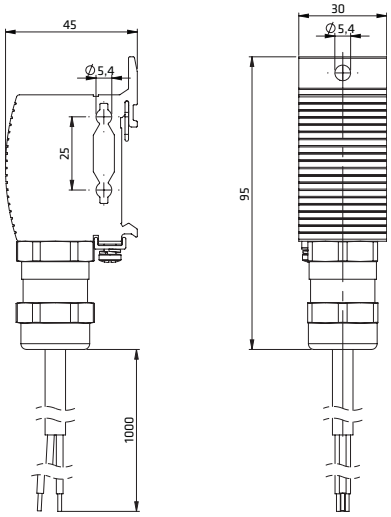
HAZARDOUS AREA THERMOSTAT

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 ⟨Ex⟩ 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 mm²
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

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)

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04.04.2017 | Specifications are subject to change without notice. Errors and omissions excepted. Suitability of this product for its intended use and any associated risks must be determined by the end customer/buyer in its final application.