



Explosion-proof Thermostat REX 011

Compact thermostat for temperature control of heaters or low temperature alarms in enclosures which are used in areas with explosion hazard.

The design of the thermostat ensures high accuracy, small switching difference (hysteresis) and a long service life. Because of the high switching capacity of the thermostat, heaters can usually be directly connected and switched, without the need for additional relays.

Technical Data REX 011

Explosion proof to EN:	LCIE (Laboratoire Central des Industries Electriques)
Conformity certificate:	LCIE 01 ATEX 6074
Ex protection type:	E Ex d IIC T6
Operating voltage:	AC 250 V max. DC 100 V max.
Switching capacity:	4A resistive @ 250 VAC 1A ind. (cos φ = 0.6) @ 250 VAC
Service life at max. load:	> 100,000 cycles
Sensor element:	Thermostatic bi-metal
Contact type (1-pole):	Opens with rising temperature
Connection cable:	Si HF - JZ 3 x AWG 18 x 3.3 ft (3 x 0.75 mm ² x 1 m)
Housing:	Aluminum, black anodized
Mounting:	Mounting bracket and DIN clip for 35mm DIN rail mounting

Part No. 01180.0-00

Switch-off temperature:	59 °F ± 6 °F tolerance (15 °C ± 3K)
Switch-on temperature (closing temperature):	7.2 °F ± 2 °F (4 °C ± 1K) below switch-off temperature

Part No. 01181.0-00

Switch-off temperature:	77 °F ± 6 °F tolerance (25 °C ± 3K)
Switch-on temperature (closing temperature):	7.2 °F ± 2 °F (4 °C ± 1K) below switch-off temperature

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