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ELECTRONIC THERMOSTAT ETL 011

ETL

01131.2-00
ETL 011 Thermostat, -20°C…+60°C, change over, 12-48V dc



- Large setting range
- Small hysteresis
- Optical operating display (LED)
- Change-over contact
- Signal application

PRODUCT DESCRIPTION

The electronic thermostat registers the surrounding air temperature and can switch a signal current via its internal relay with a potential-free change-over contact.

Signal-processing devices can be controlled directly with the ETL 011. In order to control heating and cooling equipment, filter fans and signal devices the switch module SM 010 or a similar device is needed.

The LED integrated in the adjustment knob shows the closed status of the contact 1-2.

When temperature is rising contact 1-2 opens and the LED turns off. In currentless state (no supply voltage) contact 1-2 opens.

TECHNICAL DATA

GENERAL DATA

Control range temperature from	-20 °C
Control range temperature to	60 °C
Tolerance switch off	±1,5K
Tolerance for switch on	±1,5K
Hysteresis temperature	4K (±1,5K) @ +20°C (+68°F)
Detection	NTC
Contact type	Changeover (SPDT)
Colour	Light grey

RATED OPERATING CONDITIONS

Voltage max	60 V dc
Voltage min	10 V dc
Breaking capacity	DC 0,5 A @ 48 V DC
Operational temperature	-40°C ... +85°C

Storage temperature	-40°C ... +85°C
Breaking capacity min	DC 10 mW
Life span	> 100,000 cycles
Operating humidity	< 90% RH
Humidity storage	<90% RH

DIMENSIONS

Height	64.5 mm
Width	42 mm
Depth	38 mm
Weight	0.07 kg
Material plastic housing	Plastic
Material of body	Plastic
Tightening torque max	0.5

SAFETY & APPROVALS

IP class	IP20
Approvals	CE, cULus, EAC, RoHS, UL, UL E164102, VDE
Flammability class	UL94-V0



