

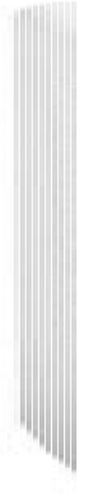
ELECTRONIC THERMOSTAT ETL 011

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

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

RATED OPERATING CONDITIONS

Breaking capacity min	DC 10 mW
Operational temperature	-40°C ... +85°C
Voltage max	60 V dc
Voltage min	10 V dc
Storage temperature	-40°C ... +85°C
Life span	> 100,000 cycles
Humidity storage	<90% RH
Operating humidity	< 90% RH
Breaking capacity	DC 0,5 A @ 48 V DC

DIMENSIONS

Weight	0,07 kg
Material plastic housing	Plastic
Depth	38 mm
Tightening torque max	0,5 Nm
Width	42 mm
Material of body	Plastic
Height	64,5 mm

SAFETY & APPROVALS

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

