Electronic DIN-rail ETOR2

ELEKTRA Temperature Controllers

The Electronic Temperature Controller ELEKTRA ETOR2 is designed for snow and ice protection electric heating systems. Produced in accordance with EN 60730-1 and EN 60730-2-9. It consists of a controller, gutter humidity and air temperature sensors.

ETOR2 controls up to 2 zones or a single zone by means of 2 sensors. It is a solution even for large applications, e.g. roof runners and roofs.

ETOR2 may also control 2 independent areas, e.g. a driveway and gutters (combination of ETOG-56T, ETOR-55 and ETF-744 sensors).

The controller features the possibility to cooperate analogously with a BMS system via a relay informing about the alarm status and two pairs of connectors enabling manual switch on or stand-by of the heating system from the BMS.

This package contains:

Type ETOR2
- ETO2-4550 controller,
- humidity detector (ETOR-55),
- air temperature sensor in the hermetic cover (ETF-744/99),
- cover for surface mounting,
- accessories for installation,
- instruction manual.

ETF-744/99   **ETOR-55**

Surface mounting box

> Technical data:

ETO2-4550

Power supply:	120/240 V ~ 50/60 Hz
Built-in transformer:	24 VAC, 6 VA
Max. load:	3 x 16A, 230 V ~ 50/60 Hz (potential free relays)
Installation:	DIN-rail or surface mounting
Temperature range:	-20°C ÷ +50°C
Difference/Hysteresis:	0.3K
Controller cover protection (surface mounting):	IP 21
Work signalization:	LED
Temperature sensor calibration:	potentiometer
Working temperature:	0°C ÷ +50°C
Dimensions (H x W x D):	90 x 156 x 45 mm
Modules:	9
Certificates:	GOST-R
Product mark:	CE

ETF-744/99

Installation:	surface mounting, outdoor
Protection:	IP 54
Dimensions (H x W x D):	85 x 50 x 35 mm
Working temperature:	-50°C ÷ +70°C
Measurement:	air temperature

ETOR-55

Installation:	inside the gutter
Protection:	IP 68
Dimensions (H x W x D):	107 x 26 x 15 mm
Working temperature:	-50°C ÷ +70°C
Measurement:	humidity