



microprocessor based thermostat for snow melting system control



ETO2-4550 is a programmed microprocessor controller for ice and snow melting systems. It controls two independent zones according to the data from two separate sensors (one roof sensor **ETOR-55**, **ETF-744/99** and one ground sensor **ETOG-55**) or two similar sensors (2 roof sensors **ETOR-55**, **ETF-744/99** or 2 ground sensors **ETOG-55**). Optimal operation ensured by output control which makes the system effective and economical. The thermostat is DIN rail-mounted in a panel or wall-mounted with a cover box.

Additional functions: control of electric or water-based ice and snow melting systems, efficient control – minimising energy consumptions, alarm relay with an external signal, time an extension of residual heating and language options.

Remote control: **ETO2** thermostat can be controlled from a distance via external signal: system: switch ON/ OFF, or heating period extension switch ON option.

Used for: frost protection on roof gutters and downpipes; frost protection of steps, entrances, driveways, parking lots, ramps, sideways and bridges.



TECHNICAL DATA

Voltage	120/240 V AC 50/60 Hz
Three outlet relays	3 × 16 A / 11 kW
Signal relay	Max 5 A
Control valve signal	0-10 V DC
Supply voltage (valve)	24 V AC/100 mA
Temperature range	-20 °C ... +50 °C
Hysteresis	+/-1 °C
Sensor type (selected*)	Ground or roof / temperature
Ambient temperature	0 °C ... +40 °C
Extension of heating time	0-6 hours
Ambient humidity	10-95 %
Protection class	IP20
Dimensions	90x156x45 mm
Warranty	3 year

PRODUCT LIST

Type	Temperature range	Order No.
ETO2-4550	-20 °C ... +10 °C	19117900
Sensor ETOG-55**	-50 °C ... +70 °C	19122035
Sensor ETOR-55**	-50 °C ... +70 °C	19122045
Sensor ETF 744/99**	-20 °C ... +70 °C	19116054

****the sensor is supplied additionally**

ACCESSORIES

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