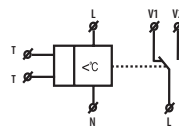




- ! single thermostat with possibility of temperature management in adjustable range ( it is possible to modify this range or make a special one on request)
- ! it is used to regulate heating (or cooling) in demanding environments (outside , humidity, dustiness, etc.)
- ! thermostat is placed in water-proof box with IP65, which enables installation outside, with in-built sensor TC-0
- ! **TEV-2** - control and indication elements are placed under transparent cover
- ! **TEV-3** - control and indication elements are placed directly on the cover (for easy orientation and frequent change of temperature)
- ! thermostat status is indicated by LED (2 colours)
- ! function of monitoring sensor disconnection and short-circuit
- ! output changeover contact 16A(AC-1)

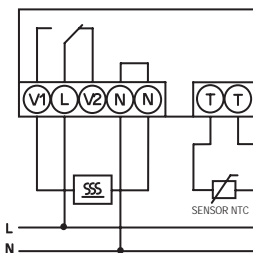
Technical parameters	TEV-2	TEV-3
Function:	one-level thermostat	
Supply terminals:	L - N	
Supply voltage:	230V AC	
Input:	max. 2,5 VA	
Tolerance of supply voltage:	±15%	
<b>Measured circuit</b>		
Measuring terminals:	T-T	
Temperature ranges:	-20.. +20 °C	+5.. +35 °C
Hysteresis (sensitivity):	3 K (± 1,5 K)	
Sensor:	thermistor NTC 12 kΩ	
Faulty sensor indication:	red LED flashing	
<b>Accuracy</b>		
Accuracy of settings (mechanical):	5 %	
Dependance on temperature:	< 0.1 % / °C	
<b>Output</b>		
Number of contacts:	1x changeover (AgNi)	
Rated current:	16 A / AC1	
Switching output:	4000 VA / AC1, 384W / DC	
Peak current:	30 A / < 3 s	
Switched voltage:	250 V AC1 / 24V DC	
Min. switching output DC:	500 mW	
Output indication:	red LED	
Mechanical life:	3x10 <sup>7</sup>	
Electrical life (AC1):	0.7x10 <sup>5</sup>	
<b>Other information</b>		
Operation temperature:	-30.. +50 °C	
Operation position:	any	
Protection degree:	IP 65	
Overvoltage category:	III.	
Pollution level:	2	
Max. cable size (mm <sup>2</sup> ):	solid wire 2.5/ with sleeve 1.5	
Dimensions:	110 x 135 x 66 mm	
Weight:	238 g	
Standards:	EN 60730-2-9, EN 61010-1	

### Symbol

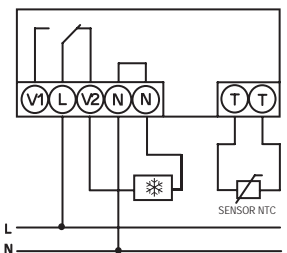


### Connection

#### Function heating

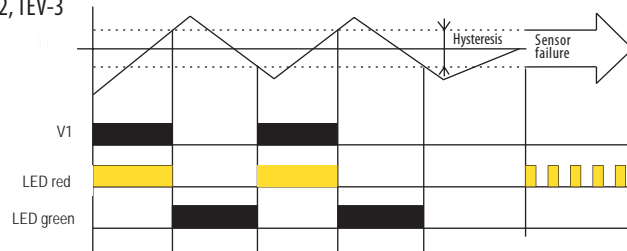


#### Function cooling



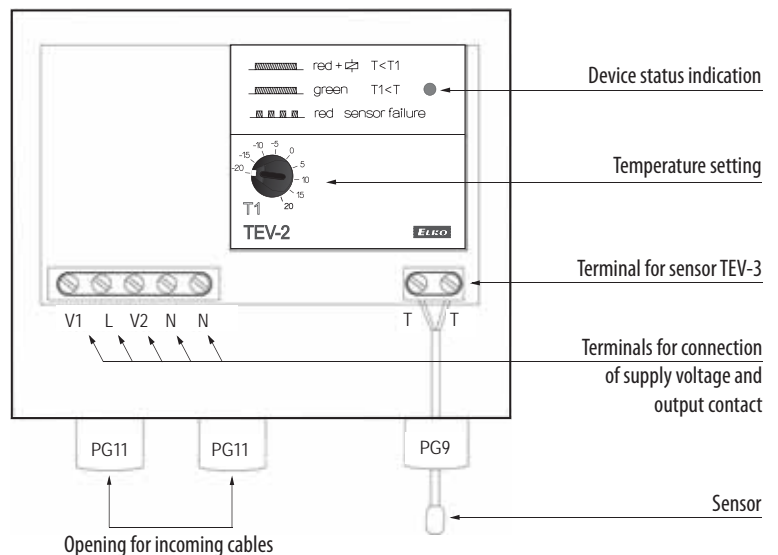
### Function

#### TEV-2, TEV-3



TEV-2 and TEV-3 are universal single thermostats for universal use. In case ambient temperature is higher than set temperature relay is open (function HEATING), for cooling function (opposite function) is possible to use NC contact of relay (V2).

### Description TEV-2 (without cover)



### Description TEV-3 (cover)

