

Thermostat TEV-4



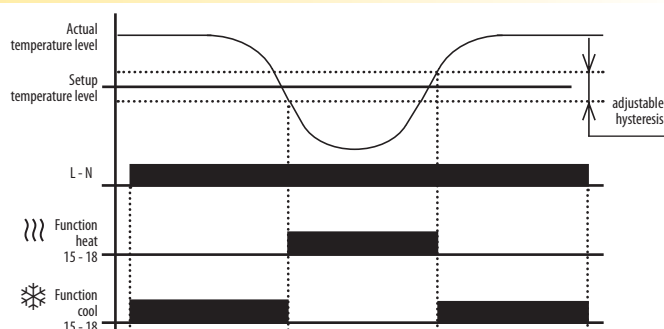
153x62x34
IP65



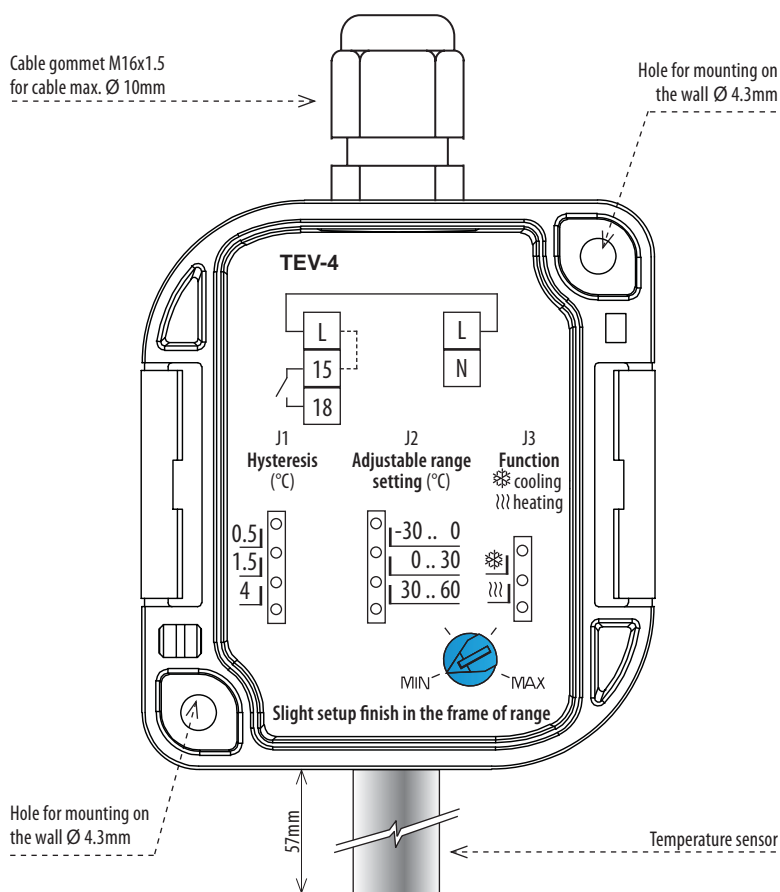
- single exterior thermostat for monitoring and regulation of temperature in demanding environments (humid and contaminated, aggressive and defective, industrial workshops, washing rooms, green-houses, cellars and cooling boxes...)
- external version in IP65, box for mounting on the wall
- built-in thermo-sensor is integrated in the device
- two functions adjustable by jumper: heating and cooling
- 3 adjustable (by jumper) ranges of temperature, and fine adjustment through potentiometer
- 3 adjustable (by jumper) levels of hysteresis
- supply voltage 230 V AC
- potentialless NO contact 12A AC1 switching

Technical parameters:	TEV-4
Supply	
Supply terminals:	L - N
Supply voltage:	AC 230V / 50 - 60Hz
Tolerance of supply voltage:	- 15% .. +10%
Input (apparent/loss):	max. 6VA / 0.7W
Function:	setting by jumper J3
Function - ❄️:	cooling
Function - 🔥:	heating
Temperature setting	by jumper J2
- range 1:	-30 ... 0 °C
- range 2:	0 ... 30 °C
- range 3:	30 ... 60 °C
Slight temperature setting:	potentiometer
Hysteresis:	0.5 / 1.5 / 4 °C
Hysteresis setting:	by jumper J1
Output	
Output contact:	1 x NO (AgSnO ₂)
Rated current:	12 A / AC1
Switching output:	3000 VA / AC1, 384 W / DC
Peak current:	30 A / < 3 s
Switched voltage:	250 V AC / 24 V DC
Min. switching output:	500 mW
Mechanical life:	3 x 10 ⁷
Electrical life:	0.7 x 10 ⁵
Other information:	
Operation temperature:	-30 .. +65°C
Storing temperature:	-30 .. +70°C
Electrical strength:	4kV (supply-output)
Operation position:	sensor-side down
Protection degree:	IP65
Overvoltage category:	III.
Pollution level:	2
Max. cable size (mm ²):	max. 1x2.5, max. 2x1.5/ with sleeve max. 1x2.5
Suggested power-supply cable:	CYKY 3x2.5 (CYKY4x1.5)
Dimensions:	153 x 62 x 34 mm
Weight:	148 g
Standards:	EN 60730-2-9, 61010-1

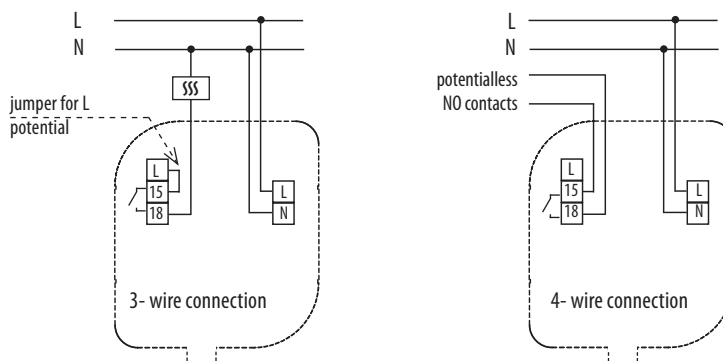
Function



Description (proportion is according to real size)



Connection



Device is standardly supplied with jumper L-15 (3-wire connection).
For the correct function of device is necessary sensor-side down device mounting.