ROOM THERMOSTATS, WITH FIXED HYSTERESIS, IP54 ET

FUNCTION

Room temperature control in:
- single or two independent stage heating systems;
- single or two independent stage cooling systems;
- heating and cooling systems;
- minimum or maximum temperature security.

Models with setpoint adjustment by knob on or under the cover.

APPLICATIONS

Well-suited for heating, cooling and air conditioning systems in strong polluted areas (dusty and damp) and in chemically aggressive atmosphere of industrial areas, commercial buildings and sport halls, storage room and garages, machine rooms, factories, greenhouses and agricultural installations.

TYPE	RANGE 1 °C	RANGE 2 °C	HYSTERESIS RANGE 1 K	HYSTERESIS RANGE 2 K	MAX. BULB TEMP. °C
ET060	0...+60		1,5±1		65
ET060U	0...+60		1,5±1		65
ET06060	0...+60	0...+60	1,5±1	1,5±1	65
ET06060U	0...+60	0...+60	1,5±1	1,5±1	65

U range 1 under the cover
Note: range 2 always under the cover

TECHNICAL DATA

Sensitive element: liquid-filled coiled copper nickel bulb
Contacts: dust-tight microswitches with switching SPDT contacts (heat/cool)
Switch capacity: NC 16 (6) A, 250 Vac
NO 6 (4) A, 250 Vac
Hysteresis: fixed (see schedule)
Working: -10...+65 °C
10...90% r.h. (without condensing)
Storage: -20...+70 °C
< 95% h.r.
Housing: Bayblend base, ABS cover
ABS (2 stage models)
Protection: IP54, class I
Size: 108 x 70 x 72 mm
132 x 88 x 70 mm (2 stage model)
Weight: 340 g ... 520 g

WIRING DIAGRAM

Heating
Range 1: connect to terminal 2 and to terminal 3 (fig. 1 and fig. 2).
Range 2: connect to terminal 5 and to terminal 6 (fig. 2).
The contacts open during the temperature rising.

Cooling
Range 1: connect to terminal 1 and to terminal 2 (fig. 1 and fig. 2).
Range 2: connect to terminal 4 and to terminal 5 (fig. 2).
The contacts open during the temperature droping.

The two stages are completely independent.

ET0x0

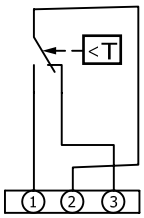


fig. 1

ET0x0x0

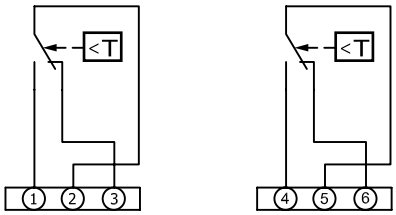
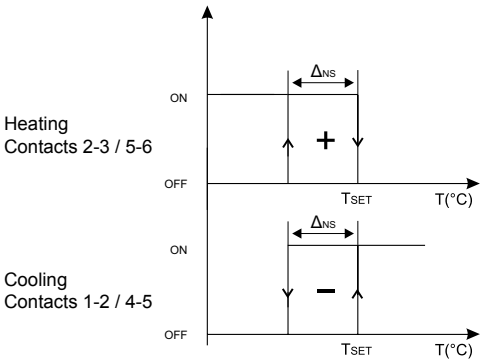


fig. 2

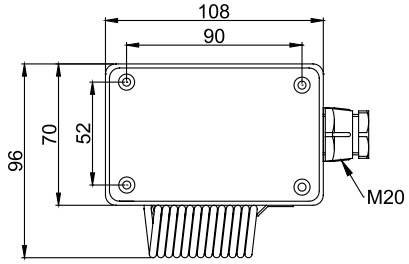
Logic activation:

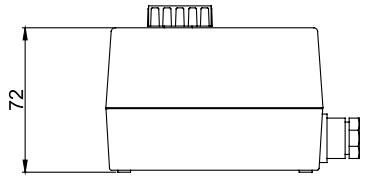
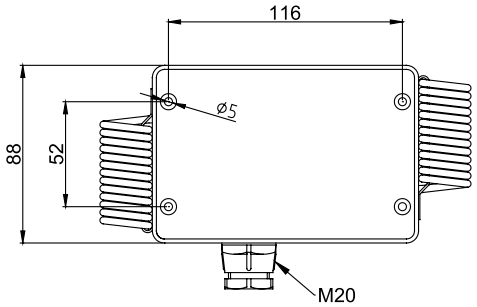
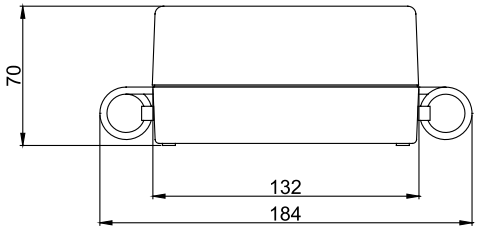


ΔNS: hysteresis in the stage
TSET: setting setpoint
ON: closed contact
OFF: open contact

DIMENSIONS (mm)

ET0x0





ET0x0x0