

ROOM THERMOSTATS, WITH FIXED DIFFERENTIAL, 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	DIFFERENTIAL RANGE 1 K	DIFFERENTIAL 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
Differential:	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.

ETOxO

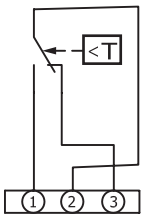


fig. 1

ETOxOxO

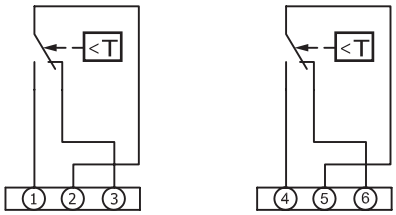
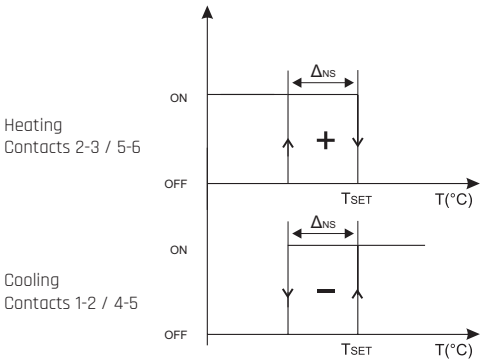


fig. 2

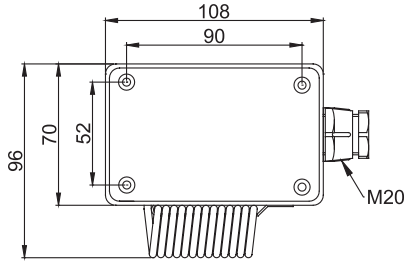
Logic activation:

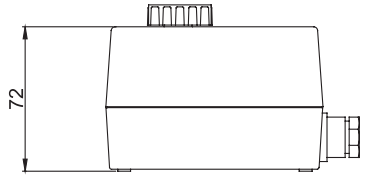


ΔNS: differential in the stage
TSET: setting setpoint
ON: closed contact
OFF: open contact

DIMENSIONS (mm)

ETOxO





ETOxOxO

