NENUTEC®

INNOVATIVE MEMBER OF SWISTEC

ET – single and multi-stage room thermostats

Room thermostats for heating, cooling and air conditioning systems and general applications in domestic and industrial areas



The appearance of the product may differ from the illustration. Technical specifications are subject to change.

ET SERIES

APPLICATION AND USE

Room temperature control in:

- single or two independent stage heating systems;
- single or two independent stage cooling systems;
- heating and cooling systems with dead zone;
- minimum or maximum temperature security.

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

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.

KEY FEATURES

- SPDT contact

Type	RANGE 1 [ºC]	RANGE 2 [ºC]	Hysteresis for range 1 [K]	Hysteresis for range 2 [K]	Max. bulb temperature [°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 knob under the cover for range 1, the knob of the range 2 is always under the cover.

Technical data

Sensor:	liquid-filled coiled copper nickel bulb
Contacts:	dust-tight microswitches with switching SPDT contacts (heat/cool)
Switch capacity:	16 (6) A, 250 V_{AC}
	6 (4) A, 250 V_{AC}
Hysteresis :	fixed (see schedule)
Working conditions:	-10...+65°C
	10...90 % r.h. (non condensing)
Storage:	-20...+70°C
	< 95% r.h.
Housing:	Bayblend base, ABS cover
	ABS (2 stage models)
Protection:	IP54, class 1
Dimensions:	108 x 70 x 72 mm
	132 x 88 x 70 mm (2 stage models)
Weight:	340 g... 520 g

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Wiring diagram

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

Cooling
Stage 1: connect terminals 1 and 2 (fig. 1 and fig. 2).
Stage 2: connect terminals 4 and 5 (fig. 2).
The contacts open during the temperature droping.
The respective free contacts close simultaneously (signal contact).

The two stages are completely independent.

ET0x0

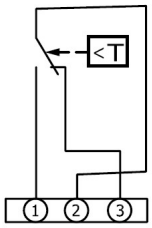


Fig. 1

ET0x0x0

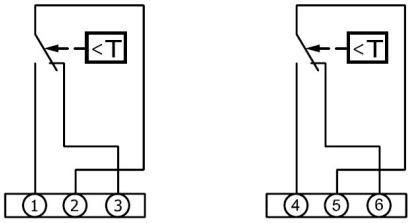
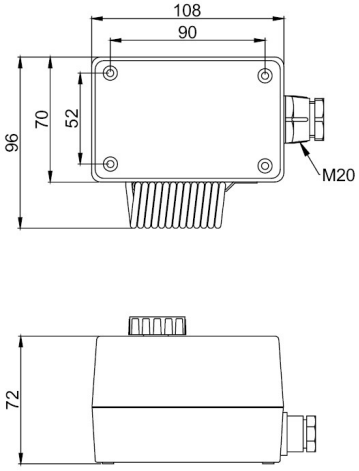


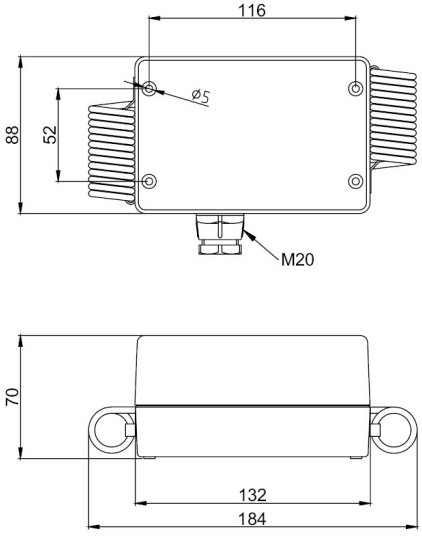
Fig. 2

DIMENSIONS [mm]

ET0x0



ET0x0x0



Due to continuous product improvement, specifications are subject to change without notice.

Nenutec Polska

00-236 Warszawa
ul. Świętojerska 5/7
tel.: +48-(0)-504-050225
nenutec@nenutec.pl