

Universal thermostat type UT

Introduction

The UT thermostat is a temperaturecontrolled electric switch with stainless steel (18/8) or copper capillary and sensor.

The thermostat has a fixed differential and is easy to adjust.

The adjustment knob, which is easy to pull off, covers the two screws used for assembling the thermostat.

The temperature must be set in accordance with the required mean temperature.

Electric connections are made by means of cable clamps and terminal screws.

AMP quick connectors may be used in connection with cabinet mounting.

UT is available for wall or panel mounting, and can be used for:

- Cold rooms
- Beverage coolers
- Ice cream makers
- Milk coolers
- Refrigerated counters
- Air-conditioning plant
- Heat recovery systems

UT is available in two versions:

UT 72 for universal purposes, covering the range -30 to 30 °C.

UT 73 for frost protection, covering the range 0 to 40 °C.



Approvals

CE-marked acc. to the low voltage directive EN 60335-1 and the electromagnetic compatibility directives EN 50082-1 and EN 55014.

Technical data

| | |
|---------------------|--|
| Ambient temperature | $-30 \rightarrow 55$ °C |
| Reset | Automatic |
| Differential | Fixed, 2.3 K |
| Switch system | Change over (SPDT) switch |
| Contact load | AC 1: 10 A, 250/380 V (ohmic) AC 11: 2.5 A, 250/380 V (induct.) |
| Capillary tube | Copper or 18/8 steel |
| Sensor | Copper or 18/8 steel |
| Enclosure | UT for wall mounting: IP 20 to EN 60529/IEC 529 UT for building in: IP 00 to EN 60529/IEC 529 |

Code numbers

| Version | Type | Range °C | Differential K | Reset | Max. sensor temperature °C | Capillary tube length m | Code no. | |
|---------------|-------|----------|----------------|-------|----------------------------|-------------------------|------------------------------|-----------------|
| | | | | | | | Copper | 18/8 |
| Wall mounting | UT 72 | -30 → 30 | 2.3 | aut. | 60 | 1.5 | 060H1101 | 060H1106 |
| | UT 72 | -30 → 30 | 2.3 | aut. | 60 | 1.5 | 060H1103¹⁾ | - |
| | UT 72 | -30 → 30 | 2.3 | aut. | 60 | 1.5 | 060H1104²⁾ | - |
| | UT 72 | -30 → 30 | 2.3 | aut. | 60 | 3.0 | 060H1105 | 060H1107 |
| | UT 73 | 0 → 40 | 2.3 | aut. | 90 | 1.5 | 060H1102 | - |
| Building in | UT 72 | -30 → 30 | 2.3 | aut. | 60 | 1.5 | 060H1201 | 060H1206 |
| | UT 72 | -30 → 30 | 2.3 | aut. | 60 | 3.0 | 060H1205 | 060H1207 |
| | UT 73 | 0 → 40 | 2.3 | aut. | 90 | 1.5 | 060H1202 | - |

- 1) Incl. bulb clamps
- 2) Industrial pack

Accessories

| | UT 72 | UT 73 |
|------------------------------------|-----------------|-----------------|
| 100 setting knobs | 060-1067 | 060-1096 |
| 36 pcs. bulb clamp | 060-1090 | 060-1090 |
| 300 screws/clamps for installation | 060-1070 | 060-1070 |

Dimensions and weight

UT for wall mounting

Weight 0.2 kg

UT for panel mounting

Weight 0.1 kg

| Type | A | | B | |
|-------|----------|----------|--------|------|
| | Copper | 18/8 | Copper | 18/8 |
| UT 72 | max. 147 | max. 132 | 1.5 | 0.9 |
| UT 73 | max. 168 | - | 1.5 | - |

(Dimensions in mm)

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