

Introduction

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

The temperature can be set easily and accurately using the large knob on the front of the thermostat. The temperature must be set to correspond to the required mean temperature.

The thermostat has a fixed differential.

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


Approvals

CE-marked according to the low voltage directive EN 60335-1 and the electromagnetic compatibility directives EN 60335-1, and in accordance with the EMC Directive EN 50082-1 and EN 55014 for sale in Europe

Technical data

| | |
|--------------------------------|--|
| Function range | |
| UT 72 (for universal purposes) | -30 → 30 °C |
| UT 73 (for frost protection) | -0 → 40 °C |
| Ambient emperature | -30 → 55 °C |
| Reset | Automatic |
| Differential | Fixed, 2.3 K |
| Switch system | Changeover (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 |
| Sensor | 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 | |
| | UT 73 | 0 → 40 | 2.3 | aut. | 90 | 1.5 | 060H1102 | |
| Building in | UT 72 | -30 → 30 | 2.3 | aut. | 60 | 1.5 | 060H1201 | |
| | UT 72 | -30 → 30 | 2.3 | aut. | 60 | 3.0 | 060H1205 | |
| | UT 73 | 0 → 40 | 2.3 | aut. | 90 | 1.5 | 060H1202 | |

¹⁾ Incl. bulb clamps
²⁾ Industrial pack

Accessories

| | UT 72 | UT 73 |
|------------------------------------|-----------------|-----------------|
| 108 setting knobs | 060-1067 | 060-1096 |
| 36 pcs. bulb clamp | 060-1090 | 060-1090 |
| 324 screws/clamps for installation | 060-1070 | 060-1070 |

Dimensions and weight

UT for wall mounting
 Dimensions: 100 mm height, 61 mm width, 46 mm mounting hole offset, 85 mm depth.
 Weight: 0.2 kg

UT for panel mounting
 Dimensions: 57 mm width, 18.4 mm sensor tube length, 14 mm sensor tube diameter, 35 mm panel depth, 5.5 mm sensor tube offset, 8.2 mm sensor tube diameter, 34.1 mm sensor tube length, 6 mm sensor tube diameter, 55 mm panel width, 25 mm panel offset, 17.5 mm panel offset, 35 mm panel depth, 3.6 mm sensor tube diameter, 2xM4 screws, 6.3x0.8 sensor tube diameter.
 Weight: 0.1 kg

SPDT + °C

| 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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