

Technical leaflet

**Universal thermostat**  
Type UT



**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	<b>060H1101</b>	<b>060H1106</b>
	UT 72	-30 → 30	2.3	aut.	60	1.5	<b>060H1103<sup>1)</sup></b>	
	UT 72	-30 → 30	2.3	aut.	60	1.5	<b>060H1104<sup>2)</sup></b>	
	UT 72	-30 → 30	2.3	aut.	60	3.0	<b>060H1105</b>	
	UT 73	0 → 40	2.3	aut.	90	1.5	<b>060H1102</b>	
Building in	UT 72	-30 → 30	2.3	aut.	60	1.5	<b>060H1201</b>	
	UT 72	-30 → 30	2.3	aut.	60	3.0	<b>060H1205</b>	
	UT 73	0 → 40	2.3	aut.	90	1.5	<b>060H1202</b>	

<sup>1)</sup> Incl. bulb clamps

<sup>2)</sup> Industrial pack (48 pcs.)

Accessories

	Qty.	UT 72	UT 73
Setting knobs <sup>3)</sup>	48	<b>060-1067</b>	<b>060-1096</b>
Bulb clamp <sup>3)</sup>	20	<b>060-1090</b>	<b>060-1090</b>

<sup>3)</sup> Industrial pack

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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DK-6430 Nordborg  
Denmark