

Data Sheet

# Thermostat Type **UT**



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.

**Features:**

- 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

**Product specification**

**Technical data**

**Table 1: Technical data**

Features	Values
Function range: UT 72 (for universal purposes)	-30 – 30 °C
Function range: UT 73 (for frost protection)	2.5 – 40 °C
Ambient temperature	-30 – 55 °C
Reset	Automatic
Differential	Fixed, 3.0 K
Switch system	Changeover (SPDT) switch
Contact load	AC-1: 16 A / 250 V
	AC-3: 7.5 A / 250 V
	AC-15: 1 A / 250 V
Capillary tube	Copper or 18/8 steel
Sensor	Copper or 18/8 steel
UT for wall mounting	IP20 to EN 60529 / IEC 529
UT for building in	IP00 to EN 60529 / IEC 529

**Dimensions [mm] and weights [kg]**

**Table 2: Dimensions [mm] and weights [kg]**

UT for wall mounting (Net weight 0.2 kg)	UT for panel mounting (Net weight 0.1 kg)

Type	A		B	
	Copper	18/8	Copper	18/8
UT 72	max. 119	max. 150	1.25	0.9
UT 73	max. 119	–	1.25	–

## Ordering

**Table 3: Ordering**

Version	Type	Range	Differential	Reset	Max. sensor temperature	Capillary tube length	Qty.	Code no.	
		[°C]	[K]		[°C]	[m]		Copper	18/8
Wall mounting	UT 72	-30 – 30	3	aut.	80	2	1	060H1701	060H1706
	UT 72	-30 – 30	3	aut.	80	2	1	060H1703 <sup>(1)</sup>	–
	UT 72	-30 – 30	3	aut.	80	3	1	060H1705	–
	UT 73	2.5 – 40	3	aut.	80	2	1	060H1702	–
	UT 72	-30 – 30	3	aut.	80	3	24	060H1708	–
Building in	UT 72	-30 – 30	3	aut.	80	3	48	060H1805	–
	UT 73	2.5 – 40	3	aut.	80	2	48	060H1802	–

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

## Accessories

**Table 4: Accessories**

Type	Qty.	UT 72	UT 73
Setting knobs	48	060-1067	060-1096
Bulb clamp	36	060-1090	060-1090

## Certificates, declarations, and approvals

The list contains all certificates, declarations, and approvals for this product type. Individual code number may have some or all of these approvals, and certain local approvals may not appear on the list.

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**Table 5: Certificates, declarations, and approvals**

File name	Document type	Document topic	Approval authority
RU C-DK.БЛ08.B.00341_19	Electrical - Safety Certificate	EMC/LVE	EAC
UA.10146.D.00075-19	UA Declaration	EMCD/LVD	LLC CDC EURO TYSK
060-9639.AB	Manufacturers Declaration	China RoHS	Danfoss

CE-marked in accordance with:

- LVD 2006/95/EC (EN 60730-1-2000)
- EMC directive 2004/108/EC (EN 61000-6-3-2002; EN 61000-6-1-2002)

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