



# Thermostat UT



# **Description**

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 & benefits**

- The thermostats has a fixed differential
- Electric connections are made by means of cable clamps and terminal screws
- AMP quick connectors may be used in connection with cabinet mounting
- The temperature must be set in accordance with the required mean temperature
- 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

# **Ordering**

# **Product code numbers**

Mounting method	Туре	Temperature range [°C] [min]	Temperature range [°C] [max]	Differential (FS) [K]	Reset function	Max. sensor temperature [°C]	Capillary tube length [mm]	Capillary tube material	Packing format	Code number
Wall	UT 72	-30	30	2.3	Auto	60	2000	Stainless steel	Multi pack	060H1506
Wall	UT 72	-30	30	3.0	Auto	80	2000	Copper	Multi pack	060H1701
Wall	UT 73	2	40	3.0	Auto	80	2000	Copper	Multi pack	060H1702
Wall	UT 72	-30	30	3.0	Auto	80	2000	Copper	Multi pack	060H1703
Wall	UT 72	-30	30	3.0	Auto	80	3000	Copper	Multi pack	060H1705
Wall	UT 72	-30	30	3.0	Auto	80	2000	Stainless steel	Multi pack	060H1706
Wall	UT 72	-30	30	3.0	Auto	80	3000	Copper	Multi pack	060H1708
Panel mounting	UT 73	2	40	3.0	Auto	80	2000	Copper	Industrial pack	060H1802
Panel mounting	UT 72	-30	30	3.0	Auto	80	3000	Copper	Industrial pack	060H1805

<sup>(1) 060</sup>H1703 - Incl. bulb clamps

## **Accessories code numbers**

## **Table: Accessories**

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



# **Product details**

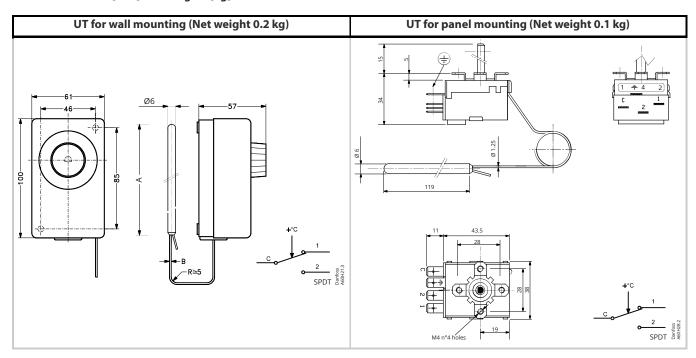
# **General data**

# **Table: 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		
	AC-1: 16 A / 250 V		
Contact load	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**

Table: Dimensions [mm] and weights [kg]



Туре	Α		В		
Type	Copper	18/8	Copper	18/8	
UT 72	max. 119	max. 150	1.25	0.9	
UT 73	max. 119	-	1.25	-	



# 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.

When you click on the link you will be directed to the latest version of the 'Declaration of Conformity'. Products developed and sold before this date of issue conform to the directives/standards in force at the time of their sale.

Approval type	Title	Certification body	Approval topic
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Electrical Safety Certificate	EAC KZ 7100841.01.01.01391	EAC - Eurasian Customs Union	EMC
Export Control Declaration	Pressure switches & Thermostats	Danfoss	
UA Declaration	Danfoss UA 2024-07-25 cooling sensors	Danfoss	LVD
Manufacturer's Declaration	<u>Danfoss MD 060-9639.AB</u>	Danfoss	China RoHS



# **Contact details**

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