Data sheet



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	Type	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

(1) 060H1703 - Incl. bulb clamps

Accessories code numbers

Table: Accessories

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

Product details

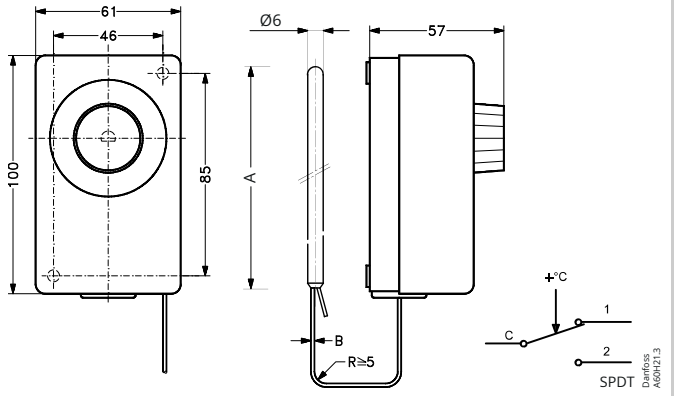
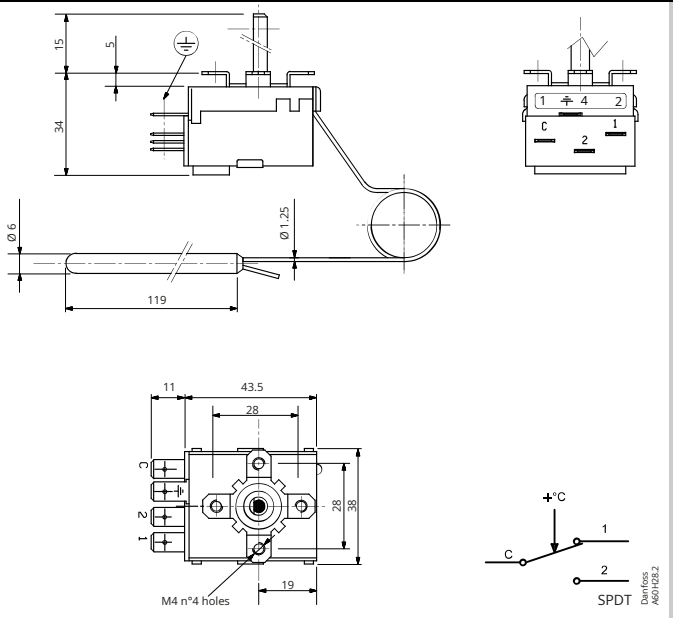
General data

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
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

Table: 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	–