

Technical leaflet

# **Universal thermostat**

Type UT





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### 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 directivesEN 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) UT 73 (for frost protection)	-30 → 30 °C   -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: UT for building in:	IP 20 to EN 60529/IEC 529 IP 00 to EN 60529/IEC 529

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# **Code numbers**

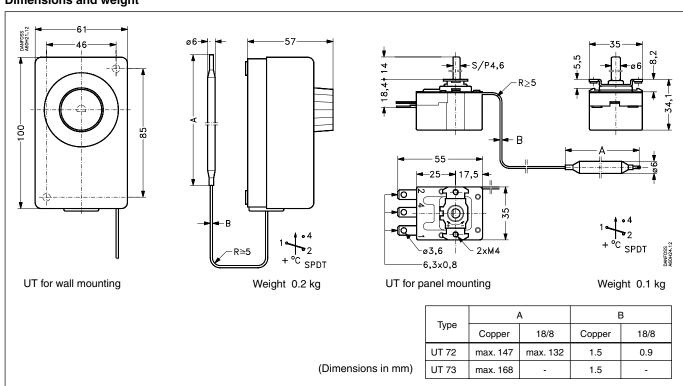
Version	I IVNA I	Range °C	<u> </u>	Reset	Max. sensor temperature	Capillary tube length	Code no.	
					. °C	m	Copper	18/8
Wall mounting	UT 72	<b>-</b> 30 → 30	2.3	aut.	60	1.5	060H1101	060H1106
	UT 72	<b>-</b> 30 → 30	2.3	aut.	60	1.5	060H1103 <sup>1)</sup>	
	UT 72	<b>-</b> 30 → 30	2.3	aut.	60	1.5	060H1104 <sup>2)</sup>	
	UT 72	<b>-</b> 30 → 30	2.3	aut.	60	3.0	060H1105	
	UT 73	0 → 40	2.3	aut.	90	1.5	060H1102	
Building in	UT 72	<b>-</b> 30 → 30	2.3	aut.	60	1.5	060H1201	
	UT 72	<b>-</b> 30 → 30	2.3	aut.	60	3.0	060H1205	
	UT 73	0 → 40	2.3	aut.	90	1.5	060H1202	

### Accessories

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

<sup>3)</sup> Industrial pack

# **Dimensions and weight**



3 RD5HA202  $\circledcirc$  Danfoss A/S (RC-CMS / HBS), 07 - 2003

<sup>1)</sup> Incl. bulb clamps 2) Industrial pack (48 pcs.)





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