BOILER THERMOSTATS

DBTV

FUNCTION

Temperature control in pipes with normal fluids (water) for heating, cooling and air conditioning systems, boilers and heaters.
Temperature monitoring and safety protection with manual reset (double models) and signal contact.

APPLICATIONS

Well-suited for general applications in strong polluted domestic and industrial areas.

TYPE	RANGE 1 °C	RANGE 2 °C	HYSTERESIS RANGE 1 K	HYSTERESIS RANGE 2 K	MAX. BULB TEMP. °C	FUNCTION
DBTV-060	0...+60		3±1		75	TR
DBTV-090U	0...+90		3±1		120	TW
DBTV-3090 [2]	+30...+90		3±1		120	TR
DBTV-50140 [2]	+50...+140		5±1		150	TR
DBTV-R6585	+65...+85		20±5		120	STB
DBTV-R90110 [2]	90 - 110		20±5		120	STB
DBTV-RM100 [2]	96		20±5		120	STB
DBTV-R100	100		20±5		120	STW
DBTV-060R85	0...+60	65 - 85	3±1	20±5	120	STB+TR
DBTV-06060	0...+60	0...+60	3±1	3±1	75	TR + TR
DBTV-09090U	0...+90	0...+90	3±1	3±1	120	TW + TW
DBTV-309090	+30...+90	+30...+90	3±1	3±1	120	TR + TR
DBTV-3090R85	+30...+90	65 - 85	3±1	20±5	120	STB+TR
DBTV-3090R110	+30...+90	90 - 110	3±1	20±5	120	STB+TR
DBTV-3090R100	+30...+90	100	3±1	20±5	120	STW+TR
DBTV-3090RM100 [2]	+30...+90	96	3±1	20±5	120	STB+TR

[2] subject according to CE 0497 certification Directive 97/23/CE_Module H1
TR with SPDT contact
TW with knob under the cover, SPDT contact
STB with manual security reset, SPDT contact
STW with automatic security reset, SPDT contact

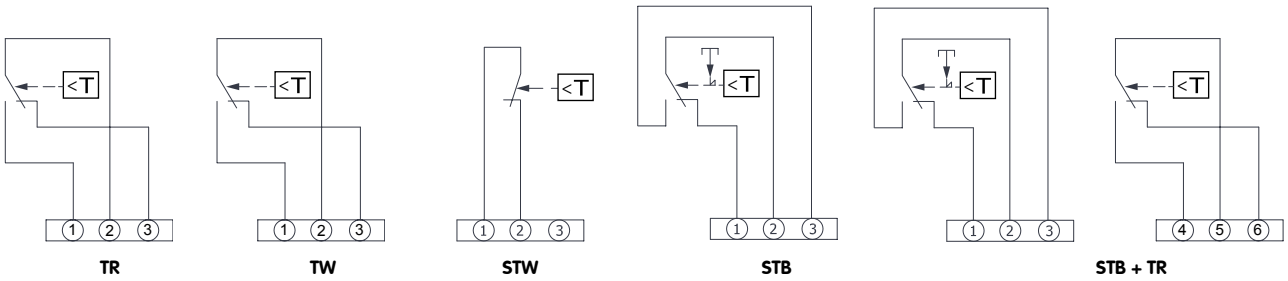
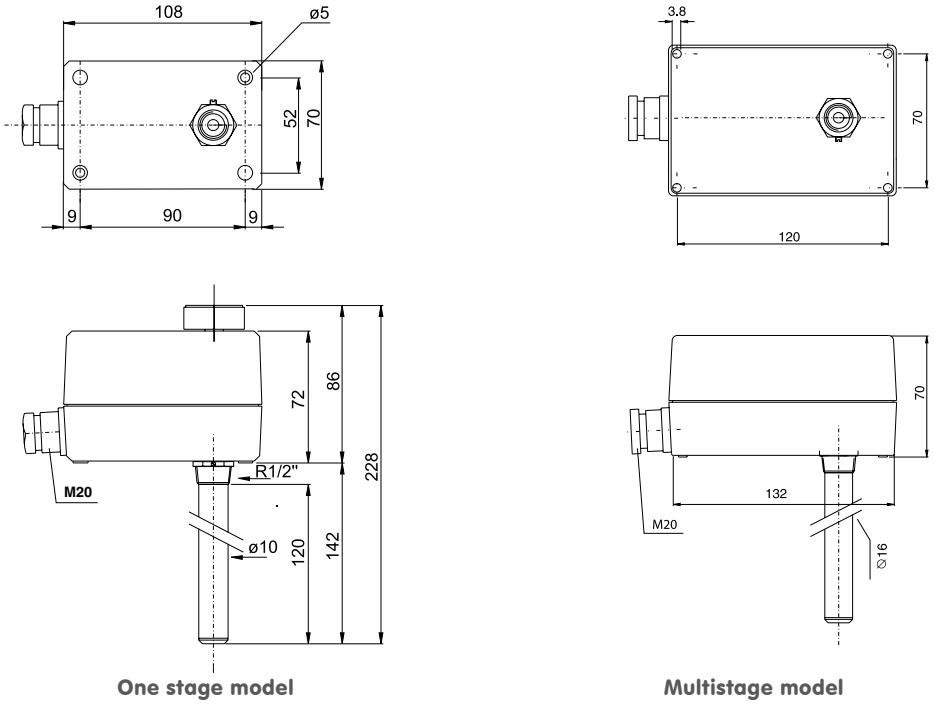
Accessories:
Thermostats are factory supplied with standard pocket model:
DBZ-30/14 brass pocket 120 mm, Ø 10 x 0.5
DBZ- 40/14 brass hexagonal pocket 120 mm, Ø 16 (for double models)

On request in stainless steel in various lengths.

TECHNICAL FEATURES

Sensitive element: copper bulb with 120 mm brass pocket (on request with various lengths and in stainless steel)
Contacts: dust-tight microswitches with SPDT contacts (heat/cool)
Switch capacity: 16 (4) A, 250 Vac
6 (1) A, 400 Vac
Differentials: see schedule
Working -35...+65 °C
10...90 % r.h. (non condensing)
Storage: -20...+70 °C
< 95% r.h.
Housing: Byblend base, ABS cover
double models: sealed ABS
Protection: IP54, class I
Size: 108 x 70 x 72 mm or
132 x 88 x 70 mm
Weight: 570 g
Approvals: Certification CE 0497 [2]

ELECTRICAL WIRING



DIMENSIONS (mm)