

DOUBLE IMMERSION THERMOSTAT WITH REMOTE SENSOR



Immersion thermostats are used for various purposes (temperature regulation, maintenance, limiting, etc.) in solid-fuelled boilers as well as in other types of industrial equipment.

TECHNICAL DATA

	<i>RE/RI</i>	<i>B</i>		<i>RE/RI</i>	<i>B</i>
Switching cycle:	100.000	1.000	Working range:	0 –120 ° C	90–125 ° C (Fix)
Switch capacity:	20(4)A250V~ 16(4)A250V~ 4(1)A/250V~	16(4)A250V~	Adjustment accuracy:	± 3 + ± 6 K	$\begin{matrix} +0 & -0 \\ -5 & -12 \end{matrix}$ K
Operation mode:	2BL / 2BLKM		Drift:	± 5 %	± 6 %
Case temperature:	Max.. 85 °C		Max. bulb temperature:	Max. working temperature +15%	
Shock protection:	I. class (protected earth)		Material of capillary and bulb:	Copper (Cu) / Inox	
Protection:	IP 40		Max. length of capillary:	2 400 mm	
Working ambience:	In normal contamination		Size of bulb (mm) (mm)	Tube: Ø6; Ø6,5	
Heat- and fire resistance:	D (for limiter and controller)		Conductive connection:	Screw terminal	
Creep resistance:	>=175 (for limiter and controller)		Heat resistance cable:	T 140	
			Earth lead connection:	M3 wheel nut / Screw terminal	

TYPE-EXAMPLES

Type code	Temperature data			Design				Connection	
	Controller		Limiter	Controller + Controller		Controller + Limiter		1 bottom bush	2 bottom bush
	Temperature range	ΔT	Switching value	External + External (RE/RE)	External + Internal (RE/RI)	External controller (RE/B)	Internal controller (RI/B)		
5282-0-200-2	53-78 ± 3 ° C	4 ± 2 K	114 0 -6 ° C			X			X
5282-0-201-2	58-78 ± 4 ° C	4 ± 2 K	117 0 -8 ° C			X			X