

COMBINED TEMPERATURE CONTROLLER AND LIMITER WITH POSITIVE SAFETY 2+2 POLES VTLS - 02

COMBINED TEMPERATURE CONTROLLER AND LIMITER WITH POSITIVE SAFETY 2+2 POLES VTLS - 02



These safety devices automatically switch off the current in the controlled circuit as the temperature is reached, and switch it on again as the temperature falls below the set threshold value. The temperature of the controlled medium is thus maintained within a narrow zone. At the control failure, these devices automatically switch off the current in the controlled circuit as the pre-set temperature limit is reached, thus preventing overheating. Once the defection of the temperature regulation was repaired, in voltage-free state, the limiter/protective guard can be re-started manually. Working tepmerature range: 0 - 150 °C

- Areas of application:
- household heating boilers
- hot-water boilers and hot-water storage tnaks

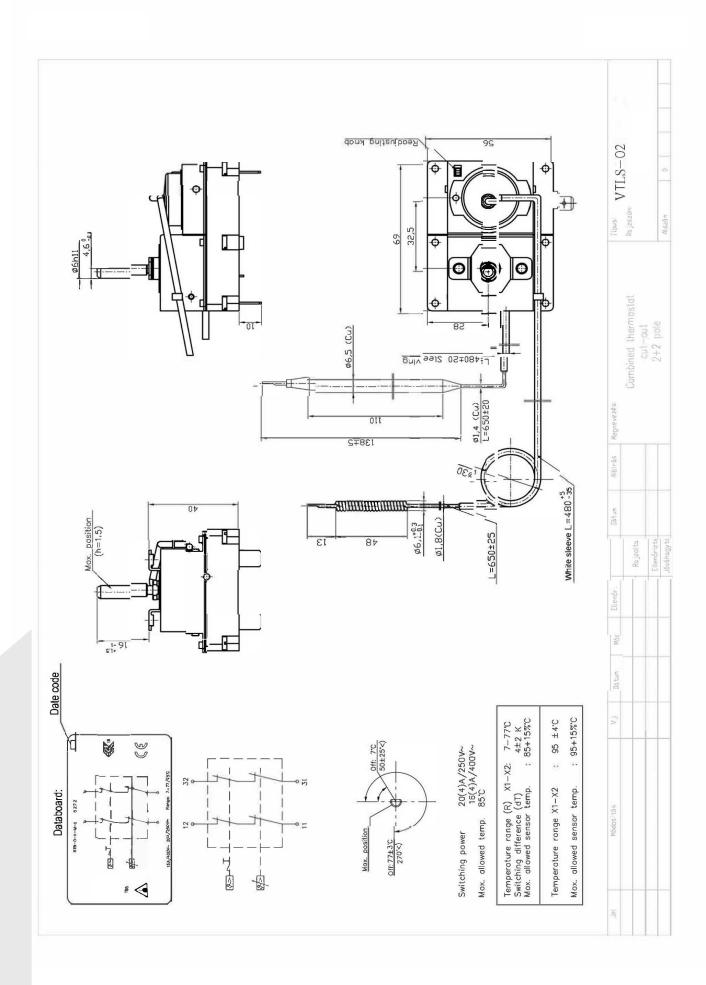
Trouble-free operation is conditioned by proper heat transfer between the controlled medium and the controller's and limiter's sensors.

TECHNICAL DATA

Lifetime:	R, W: 50.000 cycles	Way of operation:	R, W: 2C; B	
	B, SB 1000 cycles	Way of operation:	SB: 2BG/2AG/2AGM	
Switching power:	30(4)A-4(1)A/250 V~;			
	20(4)A-4(1)A/250 V~; Sensor:		Coiled: Cu: Ø5; Ø6; Ø8 INOX: Ø3; Ø4; Ø6	
	16(4)A-4(1)A/400 V~;		1107. 03, 04, 00	
Max. temp. for the main unit:	85 °C / 150 °C	Protection class:	Class I. / IP 00	
Work environment:	Normal	Heat and fire resistance:	D	
Leakage current resistance:	≥ 175	Working range:	0-150°C	
Max. sensor temperature:	Upper switching value +15%	Surface protection:	Galvanized	
Lenght of the shaft:	14.50mm	Electrical connections:	A 6,3x0,8 tab contact	
	14-50mm		M3 screw	

TYPE-EXAMPLES

Type Code	Type mark	Switch -off temp. °C	∆ 7	Sensor ØDxL1/mm/;	Capillary Ød x L2 /mm/	Protection tube L3 /mm/	Lenght of the shaft Lt /mm/
VT-5272-0-302-0	DTC-0-K-M-0	10-85 100°C (0/-8)	4 ± 2	6,5 x 110 Cu	1,4 x 650	480	16
VT-5272-0-302-1	DTC-0-K-M-0	7-77 95°C (±4)	4 ± 2	6,5 x 110 Cu	1,4 x 650	480	16
VT-5272-0-302-2	DTC-0-K-M-1	10-85 100°C (0/-8)	4 ± 2	6,5 x 110 Cu	1,4 x 650	480	16



02



Contact Us

www.vsol-controls.com

info@vsol-controls.com

Made in Hungary