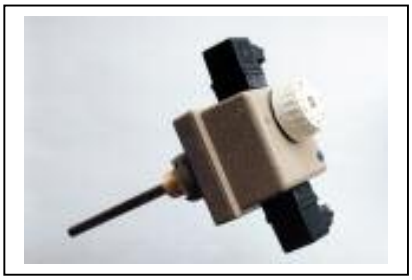
ENCAPSULATED TEMPERATURE CONTROLLER



The encapsulated temperature controllers are designed to meet various functions (controlling, limiting, safety etc.) . They are provided with appropriate protective casing.
The device is applicable for tile- stove gas burners, heating appliances, hot – air sterilizers and for other similar household or industrial purposes.

Technical data:

Type number	Range of switch-off temperature setting (°C)	Type designation	Switching temperature difference ΔT (°C)
5283-0-301-0	$25\ldots92^{\ 0}_{-6}$	TR	8
5283-0-302-0	$92^{\ 0}_{-6}$	TW	
5283-0-304-0	$25\ldots92^{\ 0}_{-6}$	TRA	
5283-0-304-1	$25\ldots92^{\ 0}_{-6}$	TRA	
5283-0-401-0	$25\ldots92^{\ 0}_{-6}$ $98^{\ 0}_{-5}$	TR-TW	10
5283-0-402-0	$25\ldots92^{\ 0}_{-6}$ $98^{\ 0}_{-5}$	TR-TB	
5283-0-403-0	$25\ldots115^{\ 0}_{-6}$ $125^{\ 0}_{-6}$	TR-TW	
5283-0-404-0	$70\ldots130\pm6$ 130 ± 6	TR-TB	6
5283-0-405-0	$25\ldots92^{\ 0}_{-6}$ $98^{\ 0}_{-5}$	TR-TW	10
5283-0-407-0	$25\ldots92^{\ 0}_{-6}$ $98^{\ 0}_{-5}$	TR-TB	

Legend: TR – Temperature controller
TW – Temperature limiter
TB – Temperature cut-off (safety device) manual reset
TRA – Temperature controller changeover

Switching capacity (resistive load, cosφ ≥ 0,95)	6A, 230V ~
Service life (switching frequency not more than 5/min)	100 000 switching cycles
Shock protection class:	I. (earthed)
Protection:	IP 20 (with -404-0 type fixing plate) IP 42 (wih capsule)
Connection:	Electric cable (3x0,75 mm^2)
Capsule connection:	G ½"
Max ambient temperature allowed:	80 °C
Max. bulb temperature allowed:	upper switching value + 15%
Capsule allowed pressure:	10 bar 150 bar (Type 5283 – 0 – 403 – 0)
Air relative humidity:	φ= 30 ÷ 80%
Construction:	moderate, indoor
Position of use:	optional

Length of the capillary: ~ 1000 mm
The neutral (N) of load (R_T) must be connected to the mains by separated wiring.