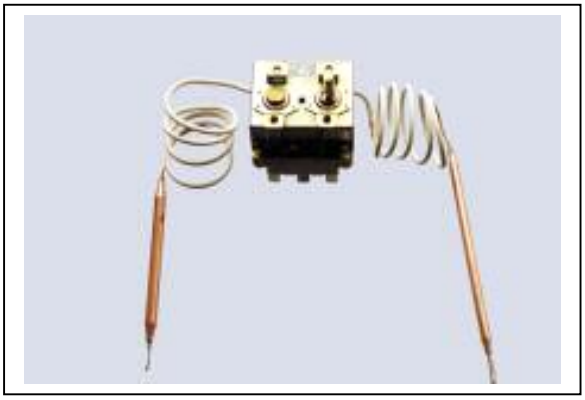
COMBINED TEMPERATURE CONTROLLER



By means of its two separated sensing systems the capillary tube type combined temperature controller is suitable to perform two separate control functions substituting two single pole devices. Various models are available as shown in the table below.

The device is primarily applicable for hot water storage boilers, heating appliances, hot – air sterilizers and other similar equipment.

Technical data:

Type number	Range of switch-off temperature setting (°C)	Switching temperature difference ΔT (°C)	Type designation	Bulbs' dimensions DxL_3	Capillary dimensions (mm)	Protecting sleeve length (mm)
5272-0-200-6	(P1-1) 7-77 $^{+6}_{0}$ (P2-2) (P3-3) 100 $^{0}_{-10}$	4±2	TR-SB	TR: ∅ 6,5x120 SB: ∅ 6x105	TR: ∅ 1,4x550 SB: ∅ 1,4x480	480 450
5272-0-200-7	(P1-1) 5-80±3 (P2-2) (P3-3) 110 $^{0}_{-10}$	4±2	TR-SB	TR: ∅ 6,5x120 SB: ∅ 6x105	TR: ∅ 1,4x550 SB: ∅ 1,4x480	480 450
5272-0-201-0	(P1-1) 7-80±3 (P2-2) (P3-3) 110	4±2	TR-SB	TR: ∅ 6,5x113 SB: ∅ 8x65	TR: ∅ 1,4x550 SB: ∅ 1,4x640	450 450
5272-0-202-0	(P1-1) 7-77 $^{+6}_{0}$ (P2-2) (P3-3) 100 $^{0}_{-10}$	4±2	TR-SB	TR: ∅ 6,5x120 SB: ∅ 6x105	TR: ∅ 1,4x550 SB: ∅ 1,4x480	480 450

Legend: TR – Temperature controller
SB – Protecting limiter

Switching capacity (resistive load, cosφ ≥ 0,95)	16A, 400V ~
Service life (switching frequency not more than 5/min)	100 000 switching cycles
Shock protection class:	I. (earthed)
Protection:	IP 00
Connection:	A 6,3 terminal clip or screw type terminal
Connecting wire size:	0,5 ÷ 1 mm^2
Max ambient temperature allowed:	80 °C
Max. bulb temperature allowed:	upper switching value + 15%
Air relative humidity:	φ= 30 ÷ 80%
Construction:	moderate, indoor
Position of use:	optional
Mass:	approx. 100 g
Körvonalrajz = outline drawing	Kikapcsolt helyzet= OFF position
Kapcsolási vázlat= Circuit diagram	Be helyzet= ON position