

## DOUBLE – POLE TEMPERATURE LIMITER

On reaching the factory-set temperature, the capillary-tube type temperature limiter automatically breaks the circuit thus performing a safety function by avoiding any overheating. Once tripped, the temperature limiter shall be reset manually.

It can primarily be used for hot water storage boilers and other heating appliances. The device is suitable to limit temperature of liquid, gaseous and solid media.



### Technical data:

Type number	Switch-off temperature to be set (°C)	Sensor diameter(D) (mm)	Sensor length L <sub>3</sub> (mm)	Length of capillary tube L <sub>1</sub> (mm)	Length of protecting sleeve L <sub>2</sub> ±20 (mm)
5286-0-003-1	110 <sup>0</sup> <sub>-10</sub>	∅ 6 (Cu)	103	250	210
5286-0-004-1	100 <sup>0</sup> <sub>-10</sub>	∅ 6 (Cu)	105	550	480
5286-0-005-1	65 <sup>0</sup> <sub>-6</sub>	∅ 6 (Cu)	105	550	150
5286-0-006-1	100 <sup>0</sup> <sub>-10</sub>	∅ 6 (Cu)	105	920	150
5286-0-007-1	110 <sup>0</sup> <sub>-10</sub>	∅ 6 (Cu)	105	920	480
5286-0-103-1 *	110 <sup>0</sup> <sub>-10</sub>	∅ 6 (Cu)	103	250	210
5286-0-104-1 *	100 <sup>0</sup> <sub>-10</sub>	∅ 6 (Cu)	103	550	480
5286-0-108-1 *	242 <sup>0</sup> <sub>-12</sub>	∅ 4 (stainless steel)	165	920	40

The \* marked models are mounted with bakelite base-plate

Switching capacity (resistive load, cosφ ≥ 0,95)	16 A, 400V ~
Service life (switching frequency not more than 5/min)	1 000 switching cycles
Shock protection class:	I. (earthed)
Protection:	IP 00
Connection:	A 6,3 terminal clip
Max ambient temperature allowed: (ref.to the switching structure)	150 °C (ceramic base)
Max. bulb temperature allowed:	upper switching value + 15%
Air relative humidity:	φ= 30 ÷ 80%
Storage temperature range:	+5 ÷ +50 °C
Shipping temperature range:	-15 ÷ +55 °C
Construction:	moderate, indoor
Position of use:	optional
Mass:	approx. 100 g