

THREE – POLE TEMPERATURE LIMITER

Reaching the factory-set temperature, the capillary-tube type temperature limiter automatically breaks the circuit. Once tripped, the temperature limiter can be reset manually.

It can primarily be used for hot water storage boilers and other heating appliances as safety device.

It is suitable to limit temperature of liquid, gaseous and solid media.



Technical data:

Type number	Switch-off temperature (°C)	Sensor diameter D (mm)	Sensor length L ₃ (mm)	Length of capillary tube L ₁ (mm)	Length of protecting sleeve L ₂ (mm)	d ₂
5278-0-100-1	315 ±6	∅ 4	168	420	40	∅1
5278-0-102-1	220 ±6	∅ 4	168	920	40	∅1
5278-0-103-1	250 ±6	∅ 6	95	920	40	∅1
5278-0-117-1*	102 ° ₋₁₀	∅ 6	103	920	250	∅1,4

* The material of the sensor and of the capillary tube is stainless steel except type nr... -117-1 where it is copper.

Switching capacity
(resistive load, cosφ ≥ 0,95)

16 A, 400V ~ (NC)

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. 180 g