SMALL SEMICONDUCTOR HEATER

RCE 016 | 5 W, 9 W



> Wide voltage range
> Dynamic heating up
> Energy saving
> Compact

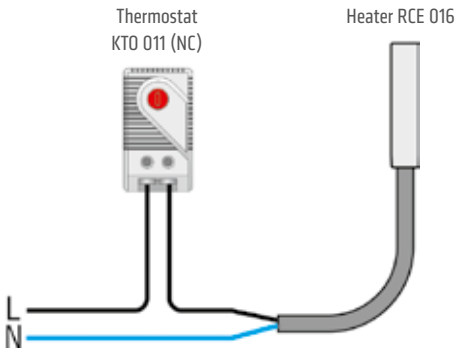
Small heaters designed to prevent condensation and to ensure a minimum operating temperature in small enclosures. The heaters are designed for permanent operation.

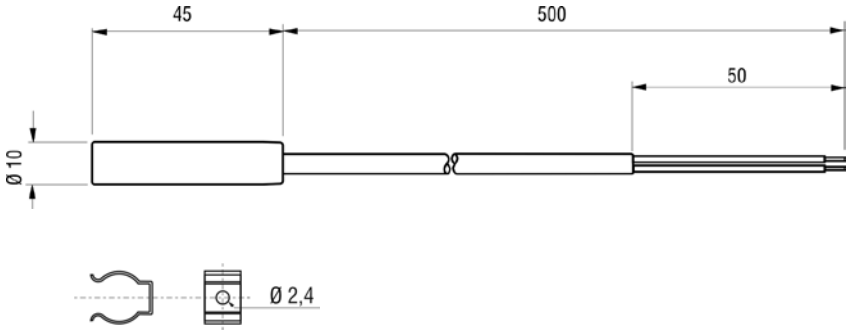
TECHNICAL DATA

Operating voltage	AC/DC 120 – 240 V[1] (min. 110 V, max. 265 V)
Heating element	PTC resistor, temperature limiting
Heater body	aluminium
Mounting	see Accessories
Fitting position	variable
Dimensions	length 45 mm, Ø 10 mm
Operating/Storage temperature	-45 to +70 °C (-49 to +158 °F)
Operating/Storage humidity	max. 90 % RH (non-condensing)
Protection type/Protection class	IP54 / II (double insulated)
Approvals	VDE, UL File No. E234324, EAC
Accessories	mounting clips (see illustration), Art. No. 09008.0-01
Note	other voltages on request

[1] Operating with voltages below AC/DC 140 V reduces heating performance by approx. 10 %.

Example of connection





Mounting clips, Art. No. 09008.0-01 (1 packing unit = 2 pieces)

Art. No.	Heating capacity[2]	Inrush current max.	Recommended pre-fuse T (time-delay)	Surface temperature (approx.)	Connection	Weight (approx.)
01622.0-00	5 W	2.0 A	2.0 A	+165 °C	2 x AWG 22 cable (silicone)	20 g
01623.0-00	9 W	2.5 A	4.0 A	+175 °C	2 x AWG 22 cable (silicone)	20 g

[2] at +20 °C (+68 °F) ambient temperature

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28.08.2020 | Specifications are subject to change without notice. Errors and omissions excepted. Suitability of this product for its intended use and any associated risks must be determined by the end customer/buyer in its final application.