

# SMALL SEMICONDUCTOR HEATER

RC 016 | 8W, 10W, 13W



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

> Compact

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

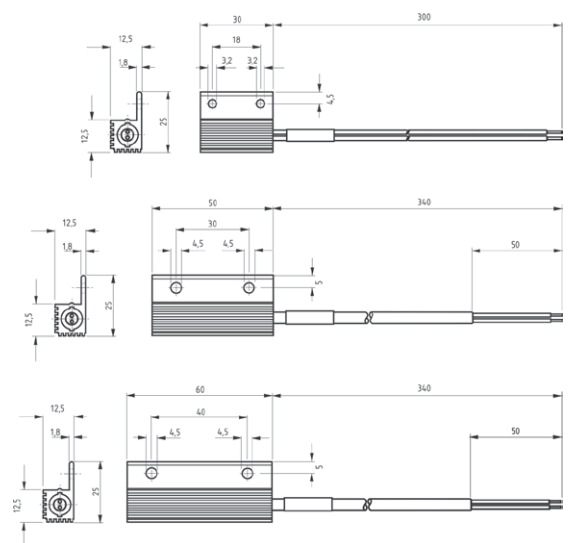
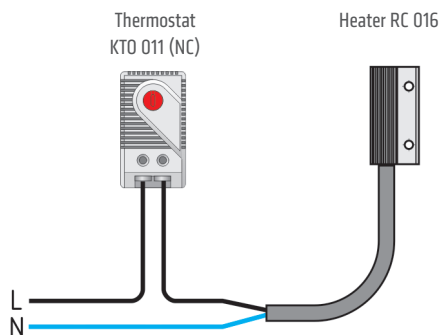


## TECHNICAL DATA

Operating voltage	120-240V AC/DC <sup>1</sup> (min. 110V, max. 265V)
Heating element	PTC resistor - temperature limiting
Heater body	aluminium, anodised
Mounting	screw fixing
Fitting position	variable
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. E150057 (according to UL 508A, NITW File on request)
Note	other voltages on request

<sup>1</sup> Operating with voltages below 140V AC/DC reduces heating performance by approx. 10%.

Example of connection



Art. No.	Heating capacity <sup>2</sup>	Inrush current max.	Pre-fuse T (time-delay)	Surface temperature (apprx.)	Connection	Weight (approx.)
01602.0-00	8W	2.0A	1A	+150°C	2 x AWG 18 stranded wire	20g
01609.0-00	10W	2.5A	2A	+155°C	2 x AWG 24 cable (silicone)	30g
01610.0-00	13W	3.0A	2A	+170°C	2 x AWG 24 cable (silicone)	40g

<sup>2</sup> at +20°C (+68°F) ambient temperature