

Semiconductor Heater

HG 140 | 15W to 150W



- > Pressure clamp connectors
- > Dynamic heating up
- > Wide voltage range
- > Energy saving
- > Clip fixing
- > Quick installation

These heaters are used in enclosures where damage from condensation must be prevented, or where the temperature may not fall below a minimum value. The aluminium profile heater body design has a chimney effect and distributes the heat evenly. The heaters are designed for permanent operation. Pressure clamb connectors save time and simplify installation.

Technical Data

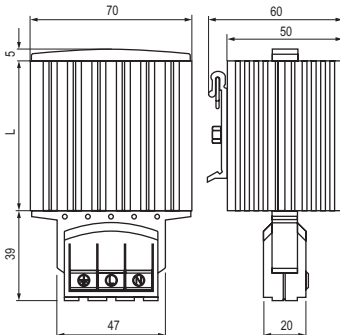
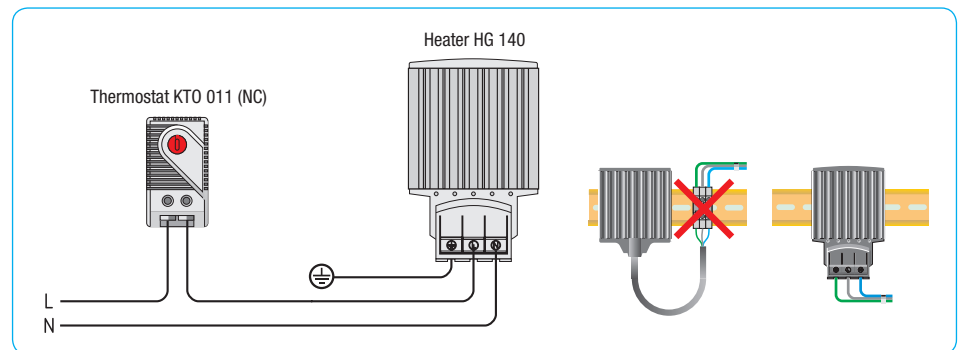
CE RoHS ISO9001 Patent

HG 140

Operating voltage	120-240V AC/DC ¹ (min. 110V, max. 265V)
Heating element	PTC resistor - temperature limiting
Heater body	extruded aluminium profile, anodised
Connection	3 pressure clamps for stranded wire 0.5-1.5mm ² (with wire end ferrule) and rigid wire 0.5- 2.5mm ²
Connection casing	plastic according to UL94 V-0, black
Mounting	clip for 35mm DIN rail, EN 60715
Fitting position	vertical airflow (air outlet up, connection on bottom)
Operating/Storage temperature	-45 to +70°C (-49 to +158°F)
Operating/Storage humidity	max. 90% RH (non-condensing)
Protection type/Protection class	IP20 / I (earthed)
Accessoires	screw fixing, Art. No. 09024.0-00 (1 packing unit = 2 pieces)
Note	other voltages on request

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

Example of connection



Art. No.	Heating capacity ²	Length (L)	Weight (approx.)
14000.0-00	15W	65mm	0.3kg
14001.0-00	30W	65mm	0.3kg
14003.0-00	45W	65mm	0.3kg
14004.0-00	50W	65mm	0.3kg
14005.0-00	60W	140mm	0.4kg
14006.0-00	75W	140mm	0.5kg
14007.0-00	100W	140mm	0.5kg
14008.0-00	150W	220mm	0.7kg

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