



Compact Fan Heater HG 046 SERIES

Compact fan heater prevents formation of condensation and frost. The integrated high-performance axial fan provides an evenly distributed interior air temperature in enclosures with electric/electronic components.



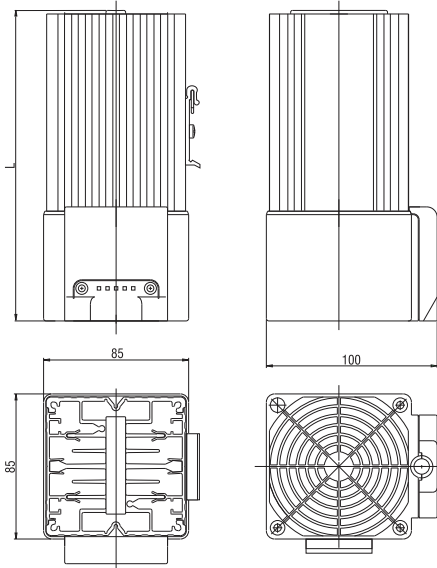
FEATURES

- Compact Design
- Clip fixing
- Long service life
- Maintenance free
- Temperature safety cut-out

TECHNICAL DATA

Heating element	Resistance heater
Temperature safety cut-out	To protect against overheating in case of fan failure, automatic reset
Heater body	Anodised extruded aluminium profile
Surface temperature	Max. +75 °C (400 W)
Axial fan, ball bearing	Airflow, free flow 45 m³/h (50 Hz) or 54 m³/h (60 Hz) service life 50,000 h at +25 °C (+77 °F)
Connection	Internal connection terminal 1.5 mm² with strain relief, clamping torque 0.8 Nm max.
Connection casing	Plastic according to UL94 V-0, black
Mounting	Clip for 35 mm DIN rail, EN 60715
Fitting position	Vertical airflow (air outlet up)
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)
Note	Other voltages on request

Note: In the case of 24VDC and 48VDC the fan heater has to be switched via a relay. For this purpose we recommend our electronic relay SM 010 (Art. No. 01000.000 and 01001.000).



View from below

Example of connection

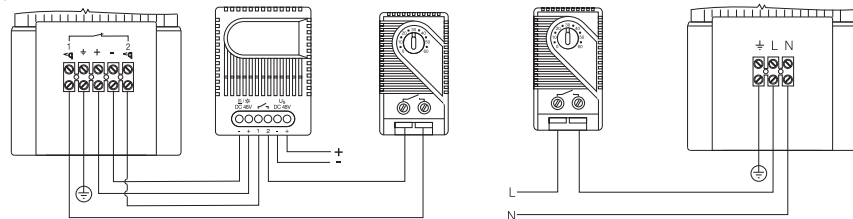
Heater
Fan Heater HGL 046
(DC 24V and 48V) with
temperature safety cut-out

Switch
Module
SM 010

Control contact
e.g. Temperature
regulator KTO 011

Control contact
e.g. Temperature
regulator KTO 011

Heater
Fan Heater HGL 046 (AC 230V
and 120V) with temperature
safety cut-out



For this product, please contact:

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Quick Code	Operating voltage	Heating Capacity	Length (L)	Weight (approx.)
43014	230 VAC, 50/60Hz	250 W	182mm	1.100 g
43015	230 VAC, 50/60Hz	400 W	222mm	1.400 g
43016	230 VAC, 50/60Hz	750 W	222mm	1.540 g