



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

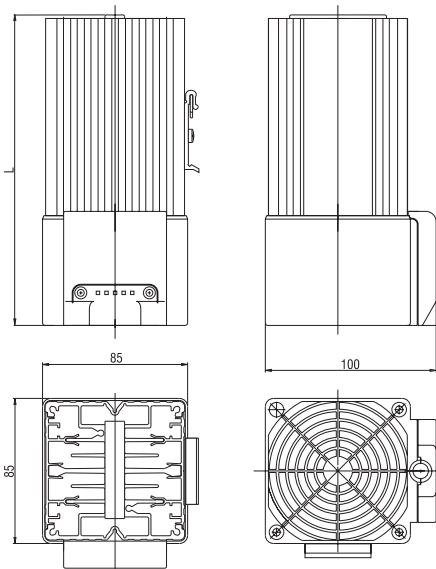
Compact fan heater prevents formation of condensation and frost. The integrated high-performance axial fan provides an evenly distributed interior air temperature in enclosures with electric/electronic components.



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 (400W)
Axial fan, ball bearing	Airflow, free flow AC: 45m³/h (50Hz) or 54m³/h (60Hz) DC: 54m³/h service life 50,000h at 25°C (77°F)
Connection	internal connection terminal 1.5mm² with strain relief, clamping torque 0.8Nm max.
Connection casing	plastic according to UL94 V-0, black
Mounting	clip for 35mm 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: 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. 01000.0-00 and 01001.0-00).



View from below

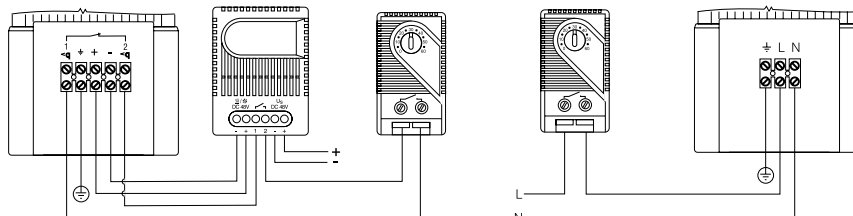
Switch Module
SM 010

Control contact,
e.g. Temperature regulator KTO 011

Control contact,
e.g. Temperature regulator KTO 011

Heater

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



Heater

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

Art. No.	Operating voltage	Heating capacity	Pre-fuse T (time-delay)	Length (L)	Weight (approx.)	Approvals
04640.0-00	230VAC, 50/60Hz	250W	2A	182mm	1.1kg	VDE + UL File No. E150057
04641.0-00	230VAC, 50/60Hz	400W	4A	222mm	1.4kg	VDE + UL File No. E150057
04640.9-00	120VAC, 50/60Hz	250W	4A	182mm	1.1kg	VDE + UL File No. E150057
04641.9-00	120VAC, 50/60Hz	400W	5A	222mm	1.4kg	VDE + UL File No. E150057
04640.1-00	24VDC	250W	16A	182mm	1.1kg	-
04640.2-00	48VDC	250W	8A	182mm	1.1kg	-
04641.2-00	48VDC	400W	12.5A	222mm	1.4kg	-