



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

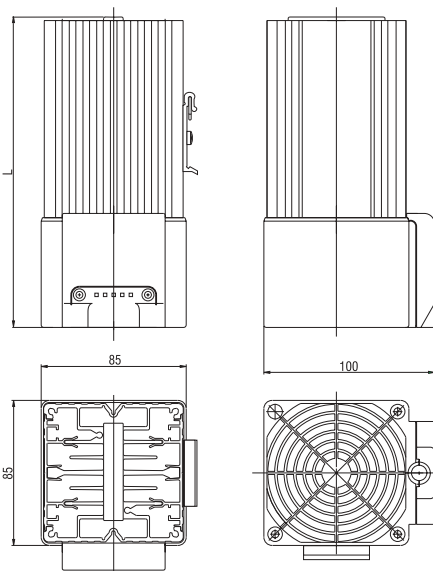
Compact fan heater prevents formation of condensation. The integrated high performance axial fan provides forced air circulation and so guarantees an even temperature in enclosures. With internal terminal connector.



Technical Data

Heating element	resistance heater
Temperature safety cut-out	to protect against overheating in case of fan failure
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 cable clamp, clamping torque 0.8Nm
Connection casing	plastic according to UL94 V-0, black
Mounting	clip for 35mm DIN rail, EN 50022
Fitting position	vertical
Operating/Storage temperature	-45 to +70°C (-49 to +158°F)
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).



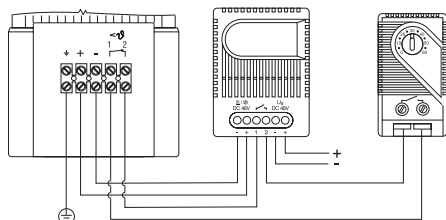
View from below

Electronic relay SM 010

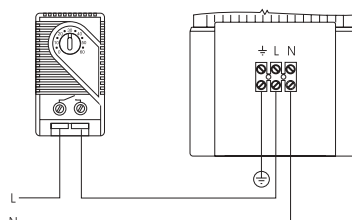
Control contact
e.g. Temperature regulator KTO 011

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Heater
Fan Heater HGL 046 (DC 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	Length (L)	Weight (approx.)	Approvals
04640.0-00	230VAC, 50/60Hz	250W	182mm	1.10kg	VDE + UL File No. E150057
04641.0-00	230VAC, 50/60Hz	400W	222mm	1.40kg	VDE + UL File No. E150057
04640.9-00	120VAC, 50/60Hz	250W	182mm	1.10kg	VDE + UL File No. E150057
04641.9-00	120VAC, 50/60Hz	400W	222mm	1.40kg	VDE + UL File No. E150057
04640.1-00	24VDC	250W	182mm	1.10kg	-
04640.2-00	48VDC	250W	182mm	1.10kg	-
04641.2-00	48VDC	400W	222mm	1.40kg	-