



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

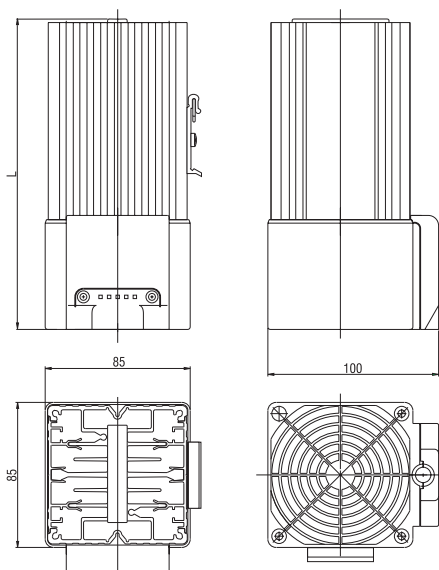
Compact fan heater prevents formation of condensation. The integrated high performance axial fan provides forced air circulation and so guarantees an even temperature in enclosures. With internal terminal connector.



### 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).



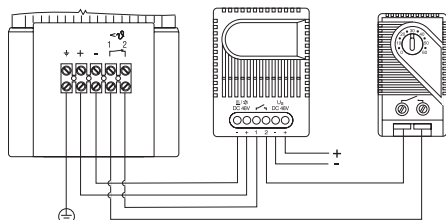
View from below

Electronic relay  
SM 010

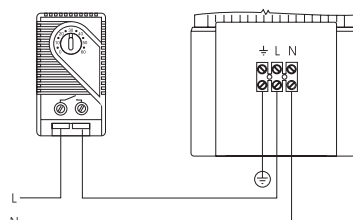
Control contact,  
e.g. Temperature regulator KTO 011

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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	-