



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

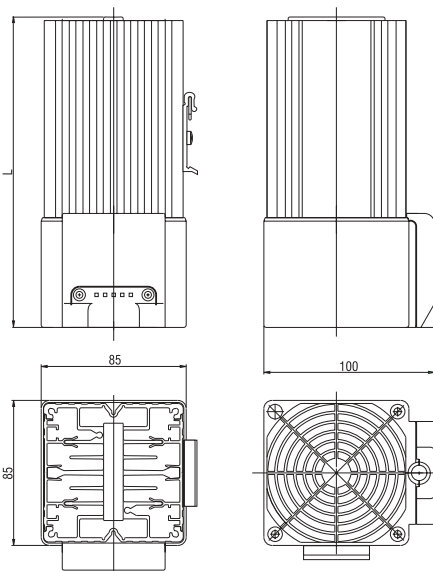
Compact fan heater prevents formation of condensation. The integrated high performance axial fan provides forced air circulation and so guarantees an even temperature in enclosures. With internal terminal connector.



### Technical Data

<b>Heating element</b>	resistance heater
<b>Temperature safety cut-out</b>	to protect against overheating in case of fan failure
<b>Heater body</b>	anodised extruded aluminium profile
<b>Surface temperature</b>	max. 75°C (400W)
<b>Axial fan, ball bearing</b>	Airflow, free flow AC: 45m³/h (50Hz) or 54m³/h (60Hz) DC: 54m³/h service life 50,000h at 25°C (77°F)
<b>Connection</b>	internal connection terminal 1.5mm² with cable clamp, clamping torque 0.8Nm
<b>Connection casing</b>	plastic according to UL94 V-0, black
<b>Mounting</b>	clip for 35mm DIN rail, EN 50022
<b>Fitting position</b>	vertical
<b>Operating/Storage temperature</b>	-45 to +70°C (-49 to +158°F)
<b>Protection type / Protection class</b>	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).



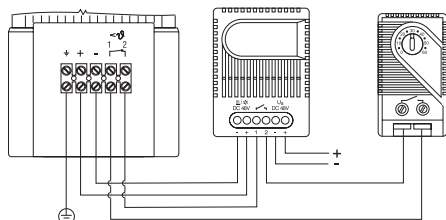
View from below

**Electronic relay SM 010**

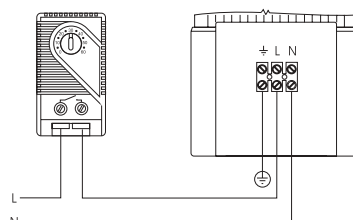
**Control contact**  
e.g. Temperature regulator KTO 011

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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	-