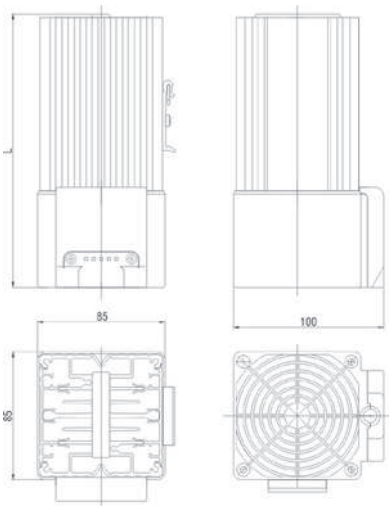
COMPACT FAN HEATER

HGL 046 | 250W, 400W



- > 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.



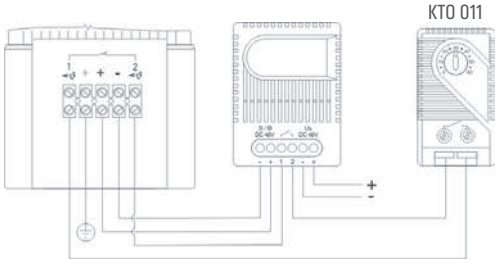
View from below

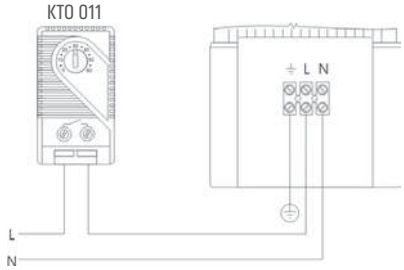
TECHNICAL DATA

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).

Heater
Fan heater HGL 046 (DC 48V and 24V) 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[1]
04641.0-00	230VAC, 50/60Hz	400W	4A	222mm	1.4kg	VDE + UL File No. E150057[1]
04640.9-00	120VAC, 50/60Hz	250W	4A	182mm	1.1kg	VDE + UL File No. E150057[1]
04641.9-00	120VAC, 50/60Hz	400W	5A	222mm	1.4kg	VDE + UL File No. E150057[1]
04640.1-00	24VDC	250W	16A	182mm	1.1kg	UL File No. E234324
04640.2-00	48VDC	250W	8A	182mm	1.1kg	UL File No. E234324
04641.2-00	48VDC	400W	12.5A	222mm	1.4kg	UL File No. E234324

[1] according to UL 508A, NITW File on request

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20.03.2013 | Specifications are subject to change without notice. Errors and omissions excepted. Suitability of this product for its intended use and any associated risks must be determined by the end customer/buyer in its final application.