

ENCLOSURE HEATER WITH FAN

HGL 046 | 250 W, 400 W



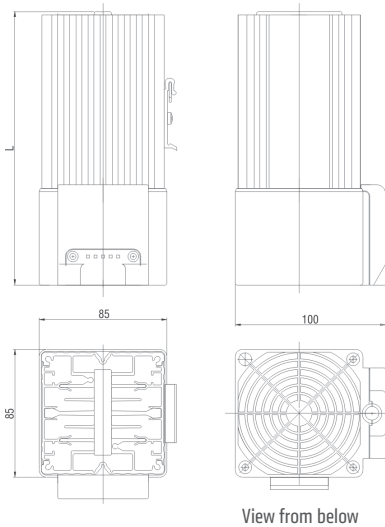
- > Compact Design
- > Long service life
- > Clip fixing
- > Temperature safety cut-out

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.

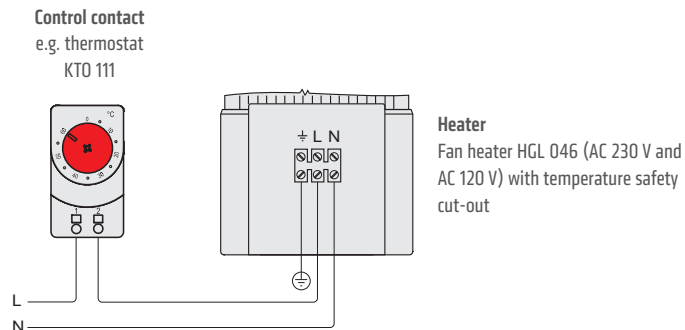


TECHNICAL DATA

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	< +75 °C (400 W)
Axial fan, ball bearing	Airflow, free flow 45 m ³ /h (50 Hz) or 54 m ³ /h (60 Hz) service life 50,000 h at +25 °C (+77 °F)
Connection	internal connection terminal 1.5 mm ² with strain relief, clamping torque 0.8 Nm max.
Connection casing	plastic according to UL94 V-0, black
Mounting	clip for 35 mm 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	< 90 % RH (non-condensing)
Protection type/Protection class	IP20 / I (earthed)
Note	other voltages on request



Example of connection



Art. No.	Operating voltage	Heating capacity	Recommended pre-fuse T (time-delay)	Length (L)	Weight (approx.)	Approvals		
04640.0-00	AC 230 V, 50/60 Hz	250 W	2.0 A	182 mm	1.1 kg	VDE	UL File No. E150057 ¹	EAC
04641.0-00	AC 230 V, 50/60 Hz	400 W	4.0 A	222 mm	1.4 kg	VDE	UL File No. E150057 ¹	EAC
04640.9-00	AC 120 V, 50/60 Hz	250 W	4.0 A	182 mm	1.1 kg	VDE	UL File No. E150057 ¹	EAC
04641.9-00	AC 120 V, 50/60 Hz	400 W	6.3 A	222 mm	1.4 kg	VDE	UL File No. E150057 ¹	EAC

¹ according to UL 508A, NITW File on request