



- Compact size
- Built-in overheat protection
- Long service life
- DIN rail mountable

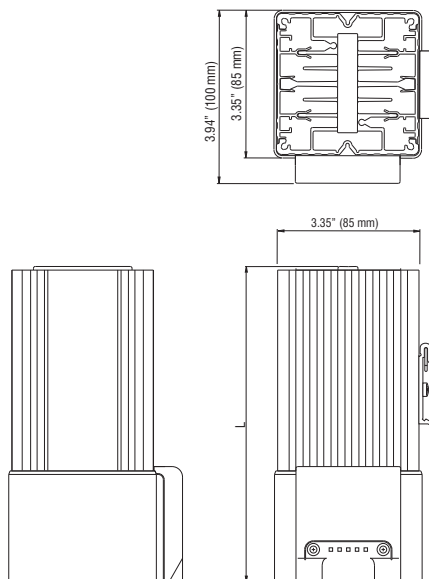
The compact HGL 046 fan heater prevents formation of condensation. The integrated high performance axial fan provides forced air circulation and so guarantees an even temperature in enclosures. The heater is wired using the internal terminal connectors.



Technical Data

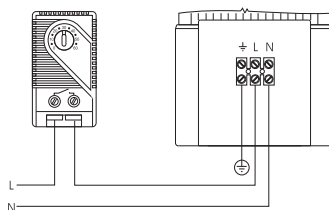
Heating element	resistance - micanite
Overheat protection	built-in temperature limiter
Heater body	extruded aluminum, anodized
Surface temperature	400W heater - max. 167°F (75°C)
Axial fan, ball bearing	service life 50,000h at 77°F (25°C)
Air flow, free blowing	AC: 26 cfm (45m³/h) - 50Hz; 32 cfm (54m³/h) - 60Hz DC: 32 cfm (54m³/h)
Connection	3-pole terminal AWG 16 max. (1.5mm²) with strain relief, clamping torque 0.8Nm max.
Connection housing	plastic, UL 94V-0, black
Mounting	clip for 35mm DIN rail, EN 60 715
Mounting position	vertical
Operating / Storage temperature	-49 to +158°F (-45 to +70°C)
Protection class	I (grounded)
Protection type	IP20

Note: In the case of **24VDC** and **48VDC**, the fan heater must be switched via a relay. For this application, the SM 010 Electronic Relay (Part No. 01000.0-00 or 01001.0-00) is recommended.



Pilot contact
e.g. KT 011 Thermostat

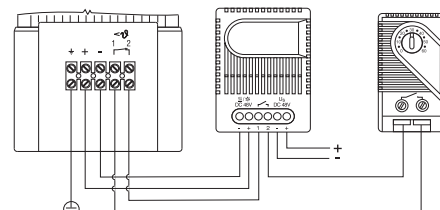
Heater
Fan Heater HGL 046
(120VAC or 230VAC)



Heater
Fan Heater HGL 046
(24VDC or 48VDC)

SM 010 Electronic relay

Pilot contact
e.g. KT 011 Thermostat



Part No.	Heating capacity	Operating voltage	Length (L)	Weight (approx.)	Approvals
04640.0-00	250W	230VAC, 50/60Hz	7.2" (182mm)	2.4 lbs. (1.1kg)	UL File No. E150057, VDE
04641.0-00	400W	230VAC, 50/60Hz	8.7" (222mm)	3.1 lbs. (1.4kg)	UL File No. E150057, VDE
04640.9-00	250W	120VAC, 50/60Hz	7.2" (182mm)	2.4 lbs. (1.1kg)	UL File No. E150057, VDE
04641.9-00	400W	120VAC, 50/60Hz	8.7" (222mm)	3.1 lbs. (1.4kg)	UL File No. E150057, VDE
04640.1-00	250W	24VDC	7.2" (182mm)	2.4 lbs. (1.1kg)	-
04640.2-00	250W	48VDC	7.2" (182mm)	2.4 lbs. (1.1kg)	-
04641.2-00	400W	48VDC	8.7" (222mm)	3.1 lbs. (1.4kg)	-

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