



Compact Fan Heater

250 & 400W HGL 046

Compact fan heater for increased heat output

- Maintains minimum operating temperatures in enclosures
- Helps to prevent failure of electronic components caused by condensation and corrosion

Built-in overheat protection

DIN rail mountable

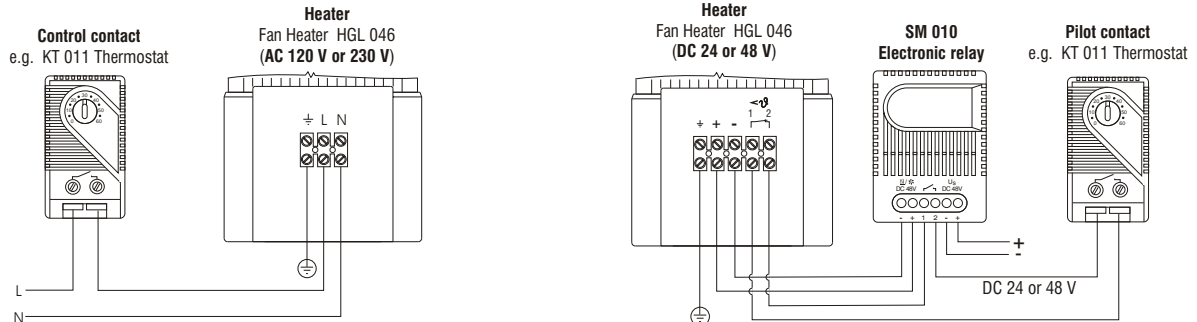
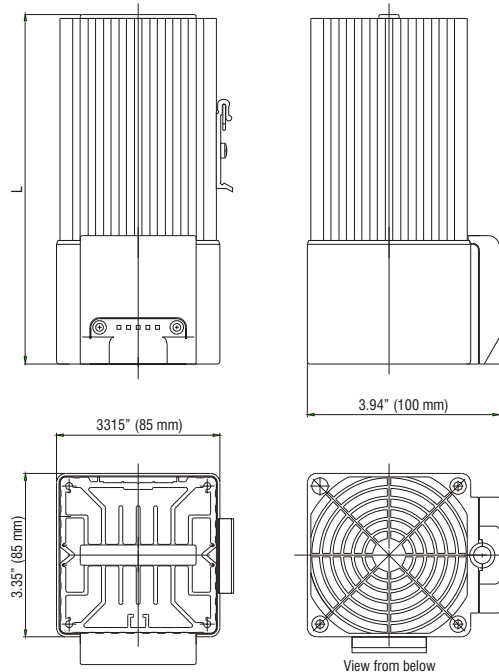


Technical Data HGL 046

Operating voltages:	AC 110-120 V, 50/60 Hz AC 220-240 V, 50/60 Hz DC 48 V, DC 24 V
Heating element:	Resistance type heater (micanite)
Heat sink:	Extruded aluminum profile, silver anodized
Surface temperature:	Max. 167°F (75°C) - 400W heater
Overheat protection:	Built-in temperature limiter
Axial fan:	Ball bearing, 50,000h at 77°F (25°C)
Air flow, free blowing:	AC: 26 cfm (45 m³/h)-50 Hz; 32 cfm (54 m³/h)-60Hz DC: 32 cfm (54 m³/h)
Connection:	Internal term. AWG 16 max (1.5 mm²), w/strain relief
Mounting:	Clip for 35 mm DIN rail (EN 50022)
Operating/storage temperature:	-49 to 158°F (-45 to 70°C)
Protection class:	I (grounded)
Protection type:	IP 20
Agency approvals:	VDE, UL (AC 120 & 230 V only)

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

Note: In the case of DC 24 V and DC 48 V, the fan heater must be switched via a relay. For this purpose we recommend our Electronic Relay SM 010 (Part No. 01000.0-00 or 01001.0-00).



Wiring examples

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.