

ENCLOSURE HEATER WITH FAN

HGL 046



The compact fan heater heats the air inside the enclosure or casing to protect against harmful condensation. The convection effect of this resistance heater is maximized by the integrated fan.

- Compact convection heater
- Resistance heating element
- Temperature safety cut-out: overheating protection in the event of fan failure
- Long service life



OVERVIEW TECHNICAL DATA

Temperature monitoring	Overheating protection in the event of fan failure with automatic reset
Protection class	I
Protection type	IP20
Connection case	Plastic to UL94 V-0, black
Heating element	Resistance heater
Heater element	Aluminium profile, anodised
AC/DC	AC
Frequency	50;60 Hz
Service life	>50000 h
Operating temperature	-45 °C - 70 °C
Operating humidity	≤90 % RH
Storage humidity	≤90 % RH
Storage temperature	-45 °C - 70 °C
Connection type	Connection terminal
Connection	Internal connection terminal 1.5 mm² with strain relief
Mounting	Clip for 35 mm DIN rail
Installation position	Airflow direction "in" vertical / connection at the bottom
Width	85 mm
Depth	100 mm
Note	Other voltages on request;Note: according to UL 508A, NITW file on request

PRODUCT VARIANTS

Article number	Operating voltage	Heating capacity	Surface temperature	Height	Weight
04640.9-00	120 V	250 W	< + 70 °C	182 mm	1100 g
04640.0-00	230 V	250 W	< + 70 °C	182 mm	1100 g
04641.9-00	120 V	400 W	< + 75 °C	222 mm	1400 g
04641.0-00	230 V	400 W	< + 75 °C	222 mm	1400 g

TECHNICAL DRAWINGS

