



## FAN HEATER 250-400 W HGL046

04640.1-00

HGL 046 250W Fan heater, 24V dc

- Compact
- High heating output
- Long lifetime
- Maintenance-free



### PRODUCT DESCRIPTION

The heat source in this heating fan is a resistor element with an integrated safety cut-out.

Thanks to the fan, good air circulation is obtained, while at the same time high heating output can be achieved. The heating fan is therefore a good choice for installation in, for example, enclosures and outdoor cabinets (base stations, ticket vending machines, etc.) for avoiding condensation or maintaining the temperature above a specified level.

To protect against overheating due to fan failure an automatic internal resettable cut out is included as standard.

## TECHNICAL DATA

### GENERAL DATA

|                  |  |
|------------------|--|
| Heat output      | 250 W  |
| Nominal voltage  | 24 V DC  |
| Frequency        | 50/60 Hz   |
| Heater body      | Anodized aluminum, Plastic                             |
| Material of body | Eloxed aluminum  |
| Mounting         | Clip on, DIN rail                                      |
| Connection type  | 3-pole screw terminal for 1.5 mm <sup>2</sup> RK cable |
| Heat source      | Resistor element, integrated over heat protection      |
| Life span        | 50 000 h @ +25 °C                                      |
| Air capacity     | 54 m <sup>3</sup> /h                                   |

## DIMENSIONS

|                             |        |
|-----------------------------|--------|
| Height                      | 182 mm |
| Weight                      | 1,1 kg |
| Tightening torque for cable | 0,8 Nm |

## SAFETY & APPROVALS

|                        |   |
|------------------------|---|
| Protection class       | I (earthed)                                       |
| IP class               | IP20  |
| Approvals              | CE, cULus, EAC, RoHS, UL, UL E150057, UL 508, VDE |
| Flammability class     | UL94-V0   |
| Overheating protection | Integrated overheating protection with auto-reset |

## RATED OPERATING CONDITIONS

|                         |                         |
|-------------------------|-------------------------|
| Operational temperature | -45°C ... +70°C         |
| Storage temperature     | -45°C ... +70°C         |
| Operating humidity      | < 90% RH                |
| Humidity storage        | <90% RH                 |
| Fan                     | Axial fan, ball bearing |
| Plastic cover           | Black, UL94 V-0         |
| Voltage max             | 24 V dc                 |
| Voltage min             | 24 V dc                 |
| Housing                 | Anonized aluminium      |

