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FAN HEATER 100-400 W HVL031/HV031

03102.0-00
HVL 031 100W Fan heater, 230V ac



- Quick connector for DIN mounting
- Compact
- UL-approved
- High fan capacity

PRODUCT DESCRIPTION

The heating source in this fan is a high-power resistor element.

Thanks to the fan, good air circulation is obtained, while at the same time high upward dispersal is achieved. The fan is therefore appropriate for installation in enclosures outdoors to maintain an even temperature and thus avoid condensation, but it can also be used to assure that the temperature is kept above the lowest permitted level.

The fan can even be run separately to increase the air circulation during the summer, for example.

TECHNICAL DATA

GENERAL DATA

Heat output	100 W
Nominal voltage	230 V AC
Frequency	50/60 Hz
Heater body	Aluminium, Plastic
Material of body	Die cast aluminium
Mounting	Clip on, DIN rail
Number of fans	1
Connection type	3-pole spring terminal for 2.5 mm² cable (1.5 mm² with end sleeve). Fan connected to screw terminal L2 / N2.
Heat source	Resistor element
Recommended fuse (slow blow)	1 A
Life span	50 000 h @ +25 °C
Air capacity	35 m³/h

DIMENSIONS

Height	47 mm
Width	80 mm
Depth	112 mm
Weight	0.6 kg

SAFETY & APPROVALS

Protection class	I (earthed)
IP class	IP20
Approvals	CE, cULus, EAC, RoHS, UL, VDE
Flammability class	UL94-V0
Overheating protection	In case of fan failure and overheating

RATED OPERATING CONDITIONS

Temperature 50 mm above the heater	+75 °C
Operational temperature	-45°C ... +70°C
Storage temperature	-45°C ... +70°C
Operating humidity	< 90% RH
Humidity storage	<90% RH

Voltage min	230 V ac
Plastic cover	Black, UL94 V-0
Voltage max	230 V ac
Material plastic housing	Plastic

