ENCLOSURE HEATER WITH FAN

HVL 031 | 03102.9-00



The HVL 031 is a space-saving fan heater for temperature control in enclosures, casings and technical installation spaces. It serves as a contactor against condensation. This resistance heater is available in five power levels, each in AC 230 V and AC 120 V. All HVL 031s include a fan.

- Compact, flat construction, high air through-flow rate
- Overheating protection with automatic switch-off
- Clip fixing for 35 mm DIN rail
- Version HV 031 available for fan self-mounting

OVERVIEW TECHNICAL DATA

Device type	Fan heater
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	High-performance heating cartridge
Heater element	Aluminium die casting
AC/DC	AC
Operating voltage	120 V
Frequency	50;60 Hz
Heating capacity	100 W
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
Torque	0,8 Nm max.
Connection	3-pole clamp 2.5 mm² max.
Mounting	Clip for 35 mm DIN rail
Installation position	Airflow direction "in" vertical / connection at the bottom
Height	53 mm
Width	80 mm
Depth	112 mm
Weight	600 g

Note	Heating with fan;Heating may only be operated in conjunction with a fan. There is a risk of overheating!

TECHNICAL DRAWINGS

