

# ENCLOSURE HEATER WITH FAN

HVL 031 | 03103.0-00



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	230 V
Frequency	50;60 Hz
Heating capacity	150 W
Service life	>50000 h
Operating temperature	-49 °F - 158 °F
Operating humidity	≤90 % rF
Storage humidity	≤90 % rF
Storage temperature	-49 °F - 158 °F
Connection type	Connection terminal
Torque	0.8 Nm max.
Connection	3-pole clamp 2.5 mm <sup>2</sup> max.
Mounting	Clip for 35 mm DIN rail
Installation position	Airflow direction "in" vertical / connection at the bottom
Height	2.1 in
Width	3.1 in
Depth	4.4 in
Weight	21.2 oz

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

TECHNICAL DRAWINGS

