# ENCLOSURE HEATER WITH FAN

## HVL 031 | 03113.0-00



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

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|---|---|
| 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 | 200 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 | 57 mm |
| Width | 119 mm |
| Depth | 151 mm |
| Weight | 900 g |

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

## TECHNICAL DRAWINGS

