

ENCLOSURE HEATER WITH FAN

CR 027 | 02701.9-00



This heating with PTC element is used to prevent frost and condensation in the enclosure and casing. The built-in fan further intensifies the heating effect through convection. The integrated, adjustable thermostat saves space in the application.

- Adjustable, integrated thermostat
- Plastic casing, safe to touch
- Optical indicator
- Temperature safety cut-out to prevent overheating



OVERVIEW TECHNICAL DATA

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|------------------------|---|
| Device type | Fan heater; Integrated control; Touchsafe |
| Temperature monitoring | Overheating protection in the event of fan failure with automatic reset |
| Protection class | II |
| Protection type | IP20 |
| Heating element | PTC resistor (PTC) |
| Operating display | Glow lamp |
| Casing | Plastic to UL94 V-0, light gray |
| AC/DC | AC |
| Operating voltage | 100 V - 120 V |
| Inrush current | 15 A |
| Frequency | 50;60 Hz |
| Heating capacity | 510 W - 650 W |
| Axial fan | 45 m³/h |
| Setting range | 32 °F - 140 °F |
| 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 | 2-pole clamp 2.5 mm² |
| Mounting | Clip for 35 mm DIN rail |
| Installation position | Airflow direction "in" vertical / connection at the bottom |
| Height | 165 mm |
| Width | 128 mm |

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| Depth | 100 mm |
| Weight | 1100 g |
| Note | Heating capacity at +20 °C (+68 °F) ambient temperature; setting range thermostat of switching temperature differential 7K (+4K tolerance). |

TECHNICAL DRAWINGS

