

ENCLOSURE HEATER

LT 065 | 50 W to 150 W

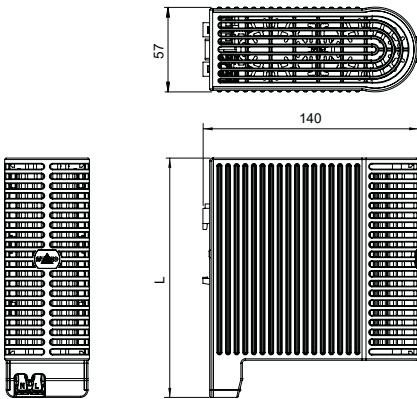


- > Clip fixing and pressure clamp for quick mounting
- > Low surface temperature
- > Earthed plastic casing
- > Wide voltage range
- > Heater body in loop design for optimal temperature distribution
- > Shock and vibration proof

Compact heater for the protection of electrical and electronic components in enclosures. Its design ensures great convection resulting in excellent heat dissipation. A touch-safe plastic cover provides for low surface temperatures on the side of the device. The practical push-in clamping terminal enables quick and easy electrical connection. The heaters are designed for continuous operation. The heater is also available in a version with thermostat (LTF 065 series).



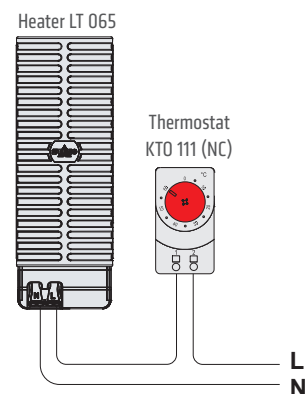
TECHNICAL DATA



| | |
|----------------------------------|--|
| Operating voltage | AC/DC 120 –240 V (min. 110 V, max. 265 V) |
| Heating element | PTC resistor – temperature limiting |
| Surface temperature | < +80 °C (+176 °F), except upper protective grille |
| Connection | 2 x pressure clamps for stranded wire 0.5 - 1.5 mm ² (with wire end ferule) and rigid wire 0.5 – 2.5 mm ² |
| Casing | plastic according to UL94 V-0, black and white |
| Mounting | clip for 35mm DIN rail, EN 60715 |
| Fitting position | vertical airflow (air outlet up, connection on bottom) |
| Operating/Storage temperature | -45 °C to +70 °C (-49 °F to +158 °F) |
| Operating/Storage humidity | < 90 % RH (non-condensing) |
| Protection type/Protection class | IP20 / II (double insulated) |
| Approvals | VDE UL File No. E234324 EAC DIN EN 60068-2-27:2010-02 DIN EN 60068-2-64:2009-04 in connection with DIN EN IEC 61373:2011-04, Cat. 1 B |

Note other voltages on request

Example of connection



| Art. No. | Heating capacity ¹ | Inrush current max. | Recommended pre-fuse T (time-delay) | Length (L) | Weight (approx.) |
|------------|-------------------------------|---------------------|-------------------------------------|------------|------------------|
| 06500.0-00 | 50 W | 4.0 A | 6.0 A | 101 mm | 0.4 kg |
| 06503.0-00 | 100 W | 6.0 A | 8.0 A | 161 mm | 0.75 kg |
| 06504.0-00 | 150 W | 8.0 A | 10.0 A | 161 mm | 0.75 kg |

¹ measured at +20 °C (+68 °F) ambient temperature