# ENCLOSURE HEATER

## LTF 065 | 06513.0-00



Compact loop heater based on PTC heating elements for heating casings with electrical or electronic components. The heater can be used to prevent both low temperatures and condensation on built-in components. Fast electrical contacting through pressure clamps.

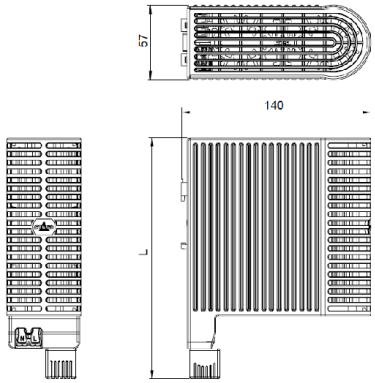
- Quick installation thanks to clip fixing and pressure clamp
- Low surface temperature
- Double insulated (plastic housing)
- Wide voltage range
- Integrated tamper-proof thermostat
- Heater body in loop design for optimum temperature distribution
- Shock and vibration proof

## OVERVIEW TECHNICAL DATA

| | |
|---|---|
| Device type | Convection heaters; Integrated control; Touchsafe |
| Protection class | II |
| Protection type | IP20 |
| Heating element | PTC resistor (PTC) |
| Casing | Plastic to UL94 V-0, black and white |
| AC/DC | AC |
| Operating voltage | 120 V - 240 V |
| Inrush current | 6 A |
| Frequency | 50;60 Hz |
| Heating capacity | 100 W |
| Switch-off temperature | 15 °C |
| Switch-on temperature | 5 °C |
| Surface temperature | < + 80 °C |
| Operating temperature | -45 °C - 70 °C |
| Operating humidity | ≤90 % RH |
| Storage humidity | ≤90 % RH |
| Storage temperature | -45 °C - 70 °C |
| Connection type | Connection terminal |
| Connection | 2 x pressure clamps for stranded wire 0.5 - 1.5 mm² (with wire end ferrule) and rigid wire 0.5 - 2.5 mm² |
| Mounting | Clip for 35 mm DIN rail |
| Installation position | Airflow direction "in" vertical / connection at the bottom |
| Height | 184 mm |
| Width | 57 mm |

| | |
|---|---|
| Depth | 140 mm |
| Weight | 750 g |
| Note | Surface temperature according to VDE 0100, except upper grid surface; heating capacity measured at +20 °C (+68 °F) ambient temperature; switch-on temperature tolerance at +5 K. |

## TECHNICAL DRAWINGS




Connection example

