ENCLOSURE HEATER

LTF 065 | 06510.0-00



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.

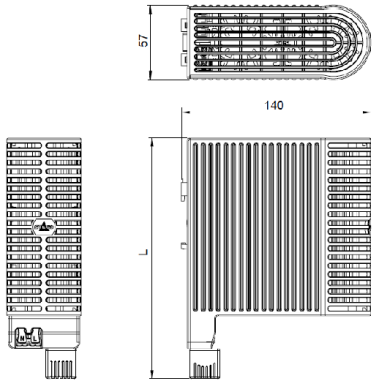
- Quick installation thanks to clip fixing and pressure clamp
- Low surface temperature
- Double insulated (plastic housing)
- Wide voltage range
- Integrated tamper-proof thermostat
- Heater body in loop design for optimum temperature distribution
- Shock and vibration proof

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	4 A
Frequency	50;60 Hz
Heating capacity	50 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	124 mm
Width	57 mm

Depth	140 mm
Weight	400 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

