ENCLOSURE HEATER

LT 065 | 06503.0-00



Compact loop heater for heating casings with electrical and electronic installations. Good self-convection due to high hot air flow. Touch-safe plastic casing minimises surface temperatures to 80 °C. Also available in designs with thermostat (LTF 065 series).

- Shock and vibration proof according to railway standard DIN EN IEC 61373:2011-04, Cat. 1 B
- Quick installation thanks to clip fixing and pressure clamp
- Low surface temperature
- Double insulated (plastic housing)
- Wide voltage range
- Heater body in loop design for optimum temperature distribution

OVERVIEW TECHNICAL DATA

Device type	Convection heaters; Touchsafe
Protection class	II
Protection type	IP20
Heating element	PTC resistor (PTC)
Casing	Plastic to UL94 V-0, black and white
AC/DC	AC;DC
Operating voltage	120 V - 240 V
Inrush current	6 A
Frequency	50;60 Hz
Heating capacity	100 W
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	161 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.

TECHNICAL DRAWINGS



