

ENCLOSURE HEATER

LTF 065



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 with 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
Operating voltage tolerance	110 V - 265 V
Frequency	50;60 Hz
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 0.5 - 1.5 mm² stranded wire (with wire end ferrule) and 0.5 - 2.5 mm² rigid wire
Mounting	Clip for 35 mm DIN rail
Installation position	Airflow direction "in" vertical / connection at the bottom
Width	57 mm
Depth	140 mm
Note	Surface temperature according to VDE 0100, except upper grid surface 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 +5K.

PRODUCT VARIANTS

measured at +20°C (+68°F) ambient temperature switch-on temperature tolerance at +5K.

Article number	Inrush current maximum	Recommended backup fuse	Heating capacity minimum	Switch-off temperature	Switch-on temperature	Height	Weight
06510.0-00	4 A	6 A	50 W	15 °C	5 °C	124 mm	400 g
06513.0-00	6 A	8 A	100 W	15 °C	5 °C	184 mm	750 g
06514.0-00	8 A	10 A	150 W	15 °C	5 °C	184 mm	750 g
06520.0-00	4 A	6 A	50 W	25 °C	15 °C	124 mm	400 g
06523.0-00	6 A	8 A	100 W	25 °C	15 °C	184 mm	750 g
06524.0-00	8 A	10 A	150 W	25 °C	15 °C	184 mm	750 g

TECHNICAL DRAWINGS

