ENCLOSURE HEATER

LP 165 | 16503.0-00



Compact loop heater based on PTC heating elements for heating casings with electrical or electronic installations. The innovative aluminium profile in loop design creates an optimised chimney effect for safe temperature control of the enclosure. Quick and easy installation / electrical contacting using pressure clamps.

- Quick installation thanks to clip fixing and pressure clamp
- Dynamic heating thanks to PTC technology
- Heater body in loop design for optimum temperature distribution
- Wide voltage range
- Worldwide approvals

OVERVIEW TECHNICAL DATA

Device type	Convection heaters
Protection class	I
Protection type	IP20
Connection case	Plastic to UL94 V-0, black
Heating element	PTC resistor (PTC)
Heater element	Aluminium profile, anodised
AC/DC	AC;DC
Operating voltage	120 V - 240 V
Inrush current	6 A
Frequency	50;60 Hz
Heating capacity	100 W
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	3 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
Height	167 mm
Width	42 mm
Depth	121 mm
Weight	500 g
Note	Heating capacity measured at +20 °C (+68 °F) ambient temperature.

TECHNICAL DRAWINGS



