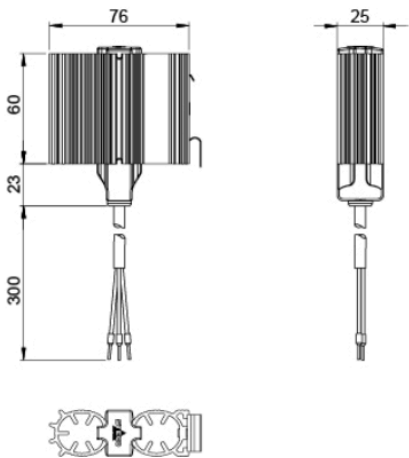


## ENCLOSURE HEATER

### LPS 164

Compact loop heater based on PTC heating elements for heating casings with electrical or electronic components. The heating can be used to prevent both low temperatures and condensation on built-in components. The design of the aluminium profile creates a chimney effect, which ensures even temperature distribution in the enclosure.

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



### OVERVIEW TECHNICAL DATA

Device name	Enclosure heater
Device type	Convection heaters
Series	LPS 164
Protection class	I
Protection type	IP20
Heating element	PTC resistor (PTC)



Heater element	Aluminium profile, anodised
AC/DC	AC DC
Operating voltage	120 V - 240 V
Operating voltage tolerance	110 V - 265 V
Frequency	50;60 Hz
Operating temperature	-45 °C - 70 °C
Operating humidity	≤90 % RH
Storage humidity	≤90 % RH
Storage temperature	-45 °C - 70 °C
Connection type	Connection cable
Connection	3 x 0.5 mm² x 300 mm cable
Mounting	Clip for 35 mm DIN rail
Installation position	Airflow direction "in" vertical / connection at the bottom
Height	83 mm
Width	25 mm
Depth	76 mm
Weight	200 g
Note	Heating capacity measured at +20°C (+68°F) ambient temperature.

PRODUCT VARIANTS

Article number	Inrush current maximum	Recommended backup fuse	Heating capacity minimum
16400.0-00	2 A	4 A	10 W
16400.9-00	2 A	4 A	10 W
16401.0-00	2 A	4 A	20 W
16401.9-00	2 A	4 A	20 W
16402.0-00	2 A	4 A	30 W
16402.9-00	2 A	4 A	30 W
16403.0-00	4 A	6 A	40 W
16403.9-00	4 A	6 A	40 W
16404.0-00	4 A	6 A	50 W
16404.9-00	4 A	6 A	50 W