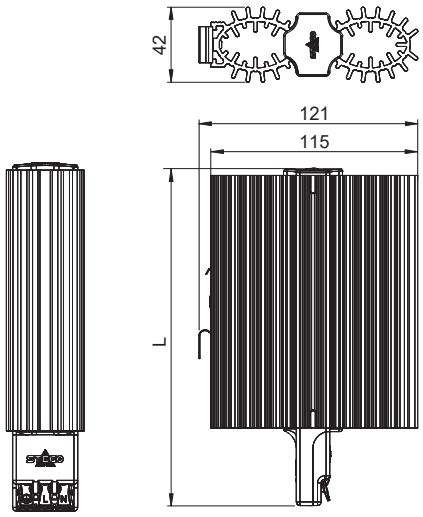
ENCLOSURE HEATER

LP 165 | 60 W to 150 W



- > Clip fixing and pressure clamp for quick mounting
- > Dynamic heating up through PTC technology
- > Heater body in loop design for optimal temperature distribution
- > Wide voltage range
- > Additional approvals

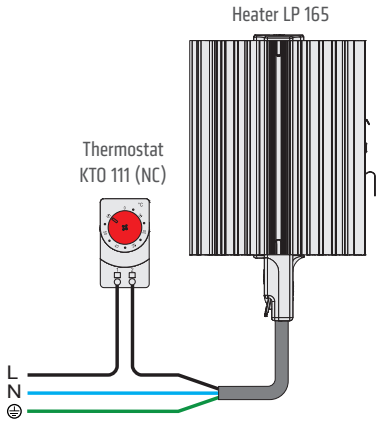
Compact heater with PTC heating elements for heating enclosures with electrical or electronic components. The heater prevents too low temperatures and thus condensation harming the components. The design of the aluminium profile creates a chimney effect, which ensures great convection resulting in excellent heat dissipation within the enclosure. The practical push-in clamping terminal ensures quick and easy electrical connection. The heaters are designed for continuous operation.



TECHNICAL DATA

Operating voltage	AC/DC 120-240 V (min. 110 V, max. 265 V)
Heating element	PTC resistor - temperature limiting
Heater body	extruded aluminium profile, anodised
Connection	3 x pressure clamps for stranded wire 0.5 - 1.5 mm²(with wire end ferule) and rigid wire 0.5 – 2.5 mm²
Connection casing	plastic according to UL94 V-0, black
Mounting	clip for 35 mm DIN rail, EN 60715
Fitting position	vertical airflow (air outlet up, connection on bottom)
Operating/Storage temperature	-45 °C to +70 °C (-49 °F to +158 °F)
Operating/Storage humidity	< 90 % RH (non-condensing)
Protection type/Protection class	IP20 / I (earthed)
Approvals	VDE UL File No. 234324 EAC
Note	other voltages on request

Example of connection



Art. No.	Heating capacity[1]	Inrush current max.	Recommended pre-fuse T (time-delay)	Length (L)	Weight (approx.)
16501.0-00	60 W	4.0 A	6.0 A	107 mm	0.3 kg
16502.0-00	75 W	4.0 A	6.0 A	107 mm	0.3 kg
16503.0-00	100 W	6.0 A	8.0 A	167 mm	0.5 kg
16504.0-00	150 W	8.0 A	10.0 A	167 mm	0.5 kg

[1] measured at +20 °C (+68 °F) ambient temperature

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11.11.2022 | Specifications are subject to change without notice. Errors and omissions excepted. Suitability of this product for its intended use and any associated risks must be determined by the end customer/buyer in its final application.