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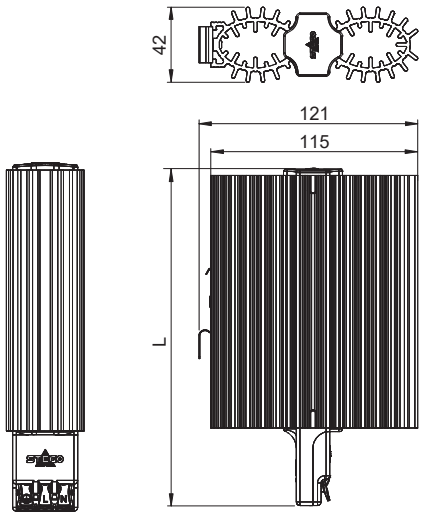
# ENCLOSURE HEATER

## 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

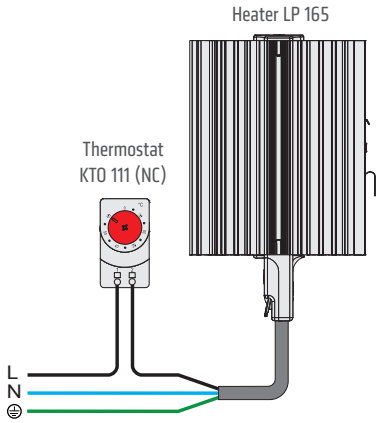
Compact heater with PTC heating elements for heating enclosures with electrical or electronic components. The heater prevents too low temperatures and thus condensation harming the components. The design of the aluminium profile creates a chimney effect, which ensures great convection resulting in excellent 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<br>UL File No. 234324<br>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.

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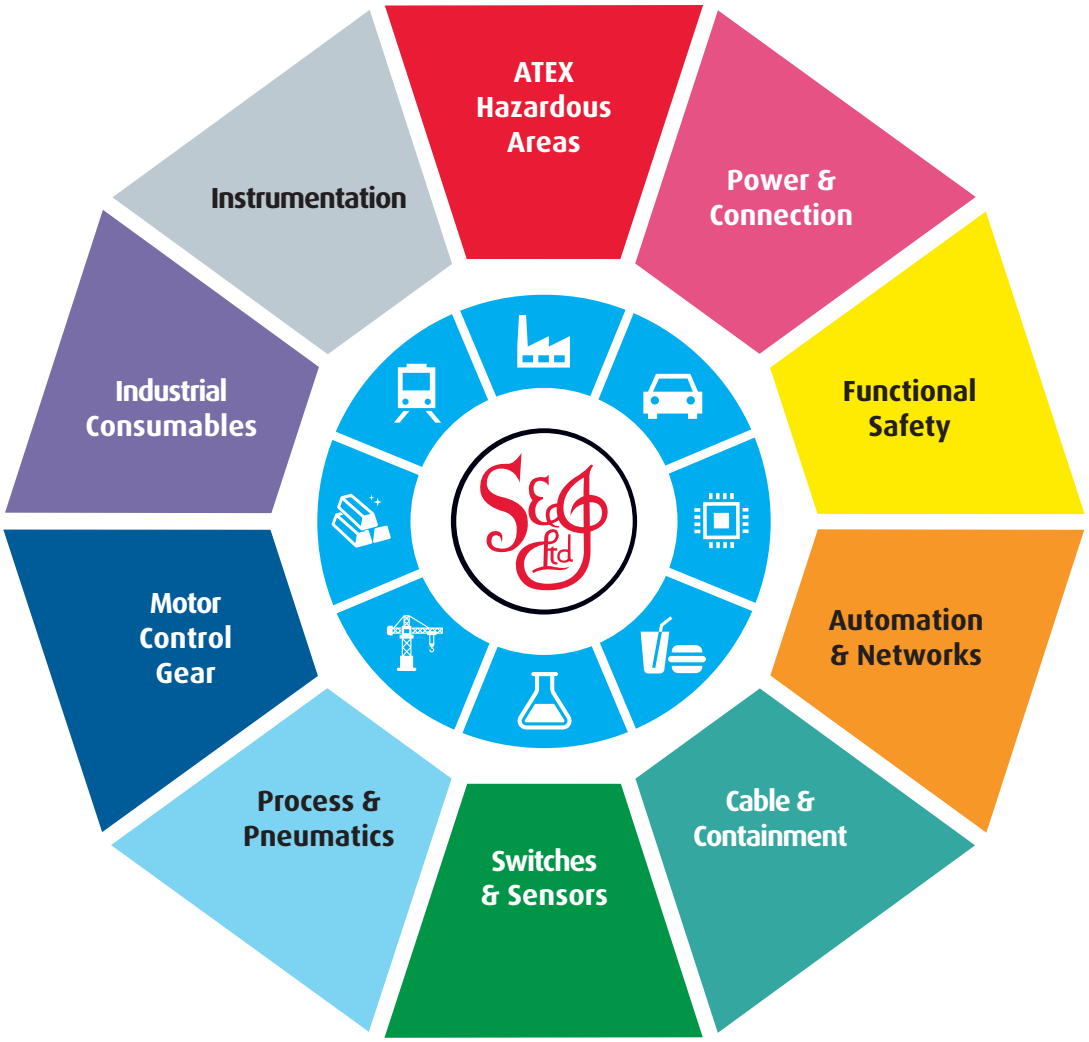


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