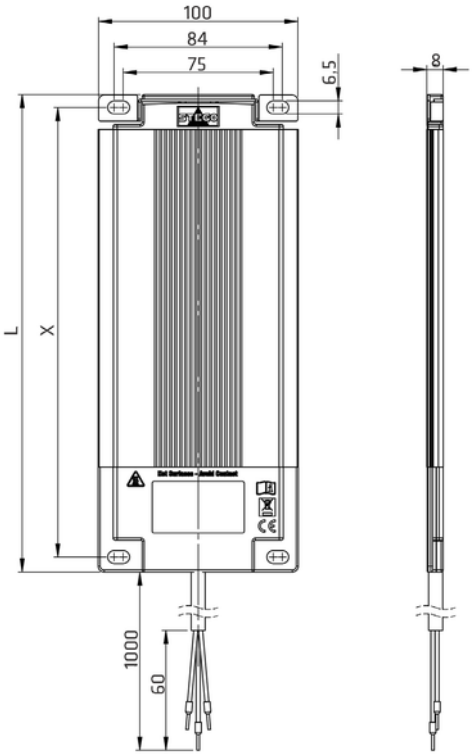
# FLAT HEATER

## CP 061 | 50 W, 100 W



- > Contact/Convection heater
- > Ultra flat design
- > Compact
- > Easy, firm installation
- > Screw fixing
- > Linear expansion compensation
- > Integrated temperature cut-out
- > Ready-to-use with strain relief

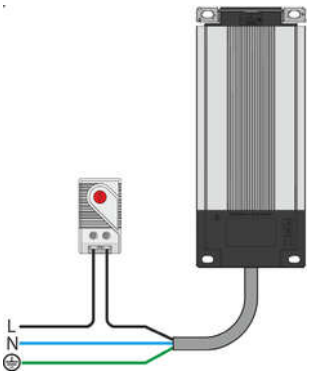
The Flat Heater CP 061 is used to provide an evenly distributed temperature within enclosures and cabinets with electric/electronic components. Its ultra-thin design makes it particularly suitable for high-density applications for which standard enclosure heaters are often too big in size. Depending on the application, the Flat Heater can be used as a convection heater or as a contact heater. When used as a contact heater it offers thermoconductive contact to a component or a cabinet wall in need to be heated. Additionally, a mounting system especially designed for the CP 061 allows for the compensation of an expansion of the heater body as a result of the heating-up when in operation. Operated as a convection heater, the slim heater CP 061 warms up the ambient air within a cabinet. The CP 061 is designed for continuous operation.




RoHS 2011/65/EU compliant

### TECHNICAL DATA

| | |
|---|---|
| **Heating element** | resistance heater |
| **Surface temperature** | max. 150 °C at +25 °C/+77 °F |
| **Heater body** | aluminium profile |
| **Temperature safety cut-out** | to protect against overheating, automatic reset |
| **Connection** | silicone cable (halogen-free) 3 x 0.75 mm², length 1 m |
| **Connection casing** | plastic according to UL94 V-0, black |
| **Mounting** | screw fixing (M6) |
| **Fitting position** | horizontal, variable connection or vertical, connection on bottom |
| **Dimensions** | L x 100 x 8 mm |
| **Operating/Storage temperature** | -40 to +60 °C (-40 to +140 °F) / -40 to +85 °C (-40 to +185 °F) |
| **Operating/Storage humidity** | max. 90 % RH (non-condensing) |
| **Protection type/Protection class** | IP20 / I (earthed) |
| **Note** | other voltages (AC 120 V) on request |




Example of connection

| Art. No. | Operating voltage | Heating capacity | Length (L) | Hole spacing (X) | Weight (approx.) | Approvals | |
|---|---|---|---|---|---|---|---|
| 06100.0-00 | AC 230 V, 50/60 Hz | 50 W | 239 mm | 225 mm | 0.4 kg | VDE submitted | EAC intended |
| 06101.0-00 | AC 230 V, 50/60 Hz | 100 W | 414 mm | 400 mm | 0.7 kg | VDE submitted | EAC intended |

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22.11.2018 | 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.