

# FLAT HEATER

CP 061 | 50 W, 100 W



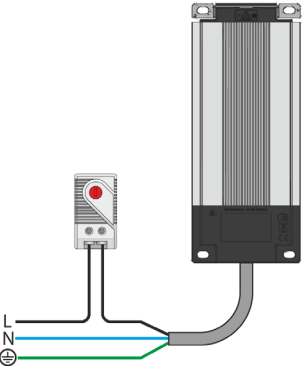
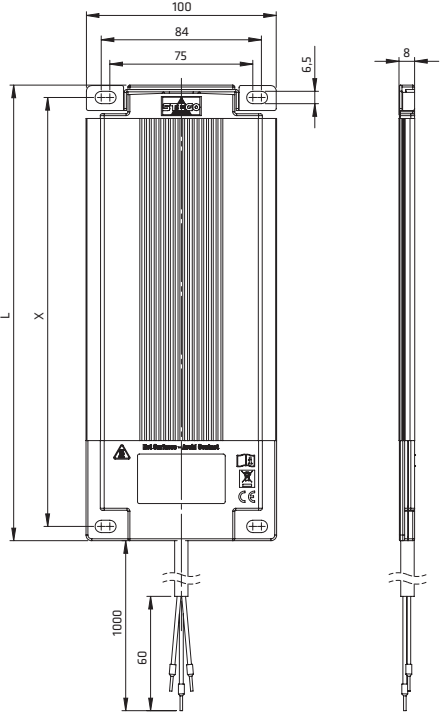
- > Contact/Convection heater
- > Ultra flat design
- > Compact
- > Easy, firm installation
- > Screw fixing
- > Linear expansion compensation
- > Integrated temperature cut-out
- > Ready-to-use with strain relief

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.



### TECHNICAL DATA

Heating element	resistance heater
Temperature safety cut-out	to protect against overheating, automatic reset
Heater body	aluminium profile
Surface temperature	max. +150 °C at +25 °C (+77 °F)
Connection	silicone cable (halogen-free) 3 x 0.75 mm <sup>2</sup> (3 x AWG 18), 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
Storage temperature	-40 to +85 °C (-40 to +185 °F)
Operating/Storage humidity	max. 90 % RH (non-condensing)
Protection type/Protection class	IP30 / I (earthed)



Example of connection

Art. No.	Operating voltage	Heating capacity	Length (L)	Hole spacing (X)	Weight (approx.)	Operating temperature	Approvals
06100.0-00	AC 230 V, 50/60 Hz	50 W	239 mm	225 mm	0.4 kg	-40 to +60 °C (-40 to +140 °F)	VDE EAC
06101.0-00	AC 230 V, 50/60 Hz	100 W	414 mm	400 mm	0.7 kg	-40 to +60 °C (-40 to +140 °F)	VDE EAC
06100.9-00	AC 120 V, 50/60 Hz	50 W	239 mm	225 mm	0.4 kg	-40 to +40 °C (-40 to +104 °F)	UL EAC
06101.9-00	AC 120 V, 50/60 Hz	100 W	414 mm	400 mm	0.7 kg	-40 to +40 °C (-40 to +104 °F)	UL EAC