

FLAT HEATER

CP 061 | 50 W, 100 W



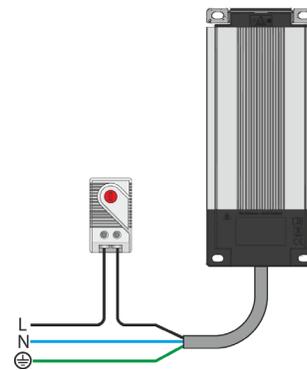
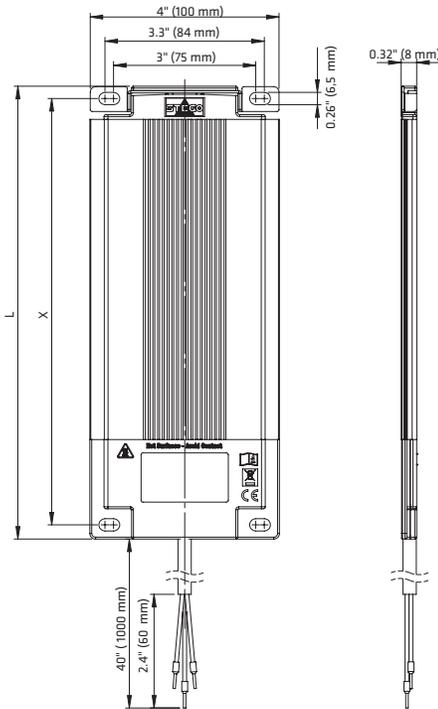
- > Contact/Convection heater
- > Ultra flat design
- > Compact
- > Easy, firm installation
- > Screw fixing
- > Linear expansion compensation
- > Integrated temperature cut-out
- > Ready-to-use with strain relief

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 permanent operation.



TECHNICAL DATA

Heating element	resistance heater
Overheat protection	with automatic reset
Heater body	aluminum profile
Surface temperature	max. +302 °F (+150 °C) at +77 °F (+25 °C)
Connection	silicone cable (halogen-free) 3 x AWG 18 (0.75 mm ²), length 3 ft (1 m)
Connection casing	plastic, UL 94V-0, black
Mounting	screw mount M6 (not included)
Fitting position	horizontal, variable connection or vertical, connection on bottom
Dimensions	L x 4" x .32" (L x 100 x 8 mm)
Storage temperature	-40 to +185 °F (-40 to +85 °C)
Operating/Storage humidity	max. 90 % RH (non-condensing)
Protection type/Protection class	IP30 / I (grounded)



Wiring example

Part 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	9.41" (239 mm)	8.9" (225 mm)	.88 lbs (0.4 kg)	-40 to +140 °F (-40 to +60 °C)	VDE EAC
06101.0-00	AC 230 V, 50/60 Hz	100 W	16.3" (414 mm)	15.75" (400 mm)	1.54 lbs (0.7 kg)	-40 to +140 °F (-40 to +60 °C)	VDE EAC
06100.9-00	AC 120 V, 50/60 Hz	50 W	9.41" (239 mm)	8.9" (225 mm)	.88 lbs (0.4 kg)	-40 to +104 °F (-40 to +40 °C)	UL EAC
06101.9-00	AC 120 V, 50/60 Hz	100 W	16.3" (414 mm)	15.75" (400 mm)	1.54 lbs (0.7 kg)	-40 to +104 °F (-40 to +40 °C)	UL EAC