

CP 061

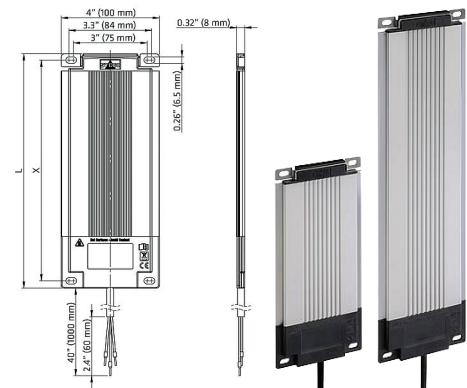
PTC HEATERS | 50 W, 100 W

FLAT HEATER

The Flat Heater CP 061 is used to provide evenly distributed temperature within enclosures and cabinets with electric/electronic components. Its ultra-thin design makes it particularly suitable for high-density applications in 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.

Heating Element	resistance heater
Overheat Protection	with automatic reset
Heating 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)
Housing	plastic, UL 94V-0, black
Mounting	screw mount M6 (not included)
Mounting Position	horizontal, variable connection or vertical, connection on bottom
Dimensions	L x 4" x .32" (L x 100 x 8 mm)
Operating / Storage Temperature	-40 to +185 °F (-40 to +85 °C)
Operating / Storage Humidity	max. 90 %RH (non-condensing)
Protection Class / Type	IP30 / I (grounded)



Dimensioned Drawings.

- Low surface temperature
- Compact size
- Wide voltage range
- Double insulated protection
- DIN rail mountable



Part No.	Heating Capacity	Operating Voltage	Length (L)	Hole Spacing (X)	Weight Approx.	Operating Temperature	Approvals
06100.0-00	50 W	AC 230 V, 50/60 Hz	9.41"	8.9"	.88 lbs	-40 to +140 °F	VDE / EAC
06101.0-00	100 W	AC 230 V, 50/60 Hz	16.3"	15.75"	1.54 lbs	-40 to +140 °F	VDE / EAC
06100.9-00	50 W	AC 120 V, 50/60 Hz	9.41"	8.9"	.88 lbs	-40 to +104 °F	UL / EAC
06101.9-00	100 W	AC 120 V, 50/60 Hz	16.3"	15.75"	1.54 lbs	-40 to +104 °F	UL / EAC