

## FAN HEATER 400-550 W CR027

02700.0-00

CR 027 475/550W Fan heater, 50/60Hz, 220-240V ac,  
0...60°C

- Integrated thermostat
- Indication light on front
- Modern design



### PRODUCT DESCRIPTION

The heat source in this fan is a PTC element – a semiconductor that adapts its output to the ambient temperature. The colder it is, the more heat it produces. The PTC element has a high starting current and provides full output almost immediately.

The fan has an integrated adjustable thermostat, and can for example, be installed in enclosures indoors or outdoors to maintain an even temperature and thus avoid condensation, or it can be used to assure that the temperature is kept above a lowest permitted level.

The CR 027 is designed to be clip in to din rail

## TECHNICAL DATA

### GENERAL DATA

Heat output	475 W
Nominal voltage	230 V AC
Frequency	50/60 Hz
Heater body	Plastic
Material of body	Plastic
Mounting	Clip on, DIN rail
Colour	Light grey
Number of fans	1
Connection type	2-pole terminal for 2.5 mm <sup>2</sup> cable. Tightening torque for connection screws max. 0.8 Nm
Heat source	Self-regulating PTC-element
Recommended fuse (slow blow)	10 A

<b>Inrush max</b>	11 A
<b>Life span</b>	50 000 h @ +25 °C
<b>Air capacity</b>	35 m³/h

## DIMENSIONS

<b>Height</b>	165 mm
<b>Width</b>	100 mm
<b>Depth</b>	128 mm
<b>Weight</b>	0.9 kg
<b>Behind panel depth</b>	128 mm

## SAFETY & APPROVALS

<b>Protection class</b>	II (double insulated)
<b>IP class</b>	IP20
<b>Approvals</b>	CE, cULus, EAC, RoHS, UL, VDE
<b>Flammability class</b>	UL94-V0
<b>Overheating protection</b>	Overheat protection, fan failure with auto-reset

## RATED OPERATING CONDITIONS

<b>Operational temperature</b>	-45°C ... +70°C
<b>Storage temperature</b>	-45°C ... +70°C
<b>Operating humidity</b>	< 90% RH
<b>Humidity storage</b>	<90% RH
<b>Hysteresis temperature</b>	7K
<b>Control range temperature from</b>	0 °C
<b>Control range temperature to</b>	60 °C

<b>Voltage min</b>	220 V ac
<b>Voltage max</b>	240 V ac
<b>Fan</b>	Axial fan, ball bearing
<b>Material plastic housing</b>	Plastic

