



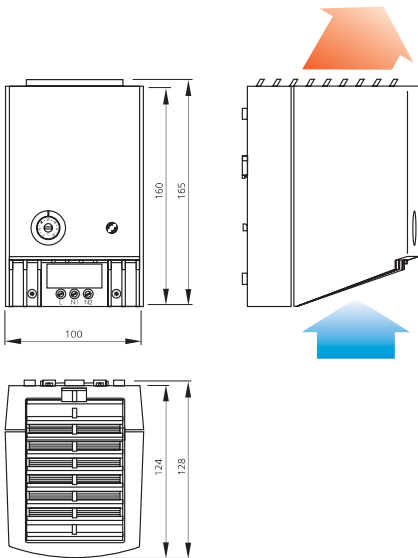
- Compact heater**
- Heating capacity adjusts to ambient temperature**
- Adjustable temperature range**
- Clip fixing**
- Optical indicator**
- Temperature safety cut-out**

Semiconductor fan heaters prevent the formation of condensation and ensure an even temperature in switch and control equipment. The built-in regulator is used to set the desired temperature.

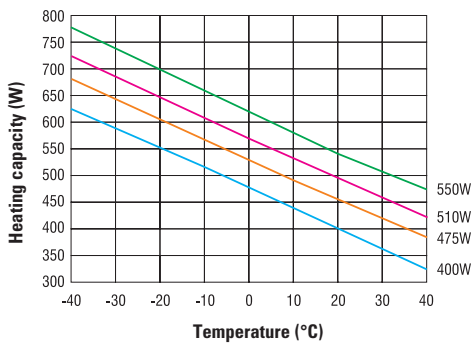


### Technical Data

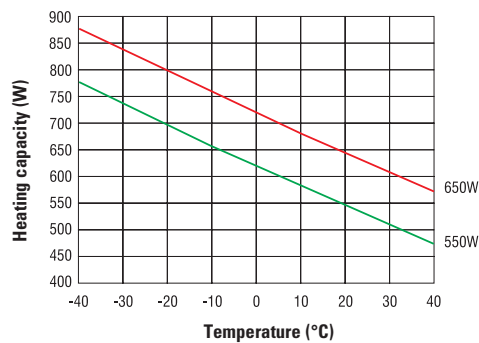
<b>Heating element</b>	PTC resistor, self regulating and temperature limiting
<b>Temperature safety cut-out</b>	to protect against overheating in case of fan failure
<b>Axial fan, ball bearing</b>	airflow see table service life 50,000h at 25°C (77°F)
<b>Casing</b>	plastic according to UL94 V-0, light grey
<b>Optical indicator</b>	thermostat control lamp
<b>Connection</b>	2-pole clamp 2.5mm <sup>2</sup> , clamping torque 0.8Nm max.
<b>Mounting</b>	clip for 35mm DIN rail, EN 50022
<b>Fitting position</b>	vertical
<b>Operating / Storage temperature</b>	0 to +60°C (+32 to +140°F) / -45 to +70°C (-49 to +158°F)
<b>Dimensions</b>	100 x 128 x 165mm
<b>Protection type / Protection class</b>	IP20 / II (double insulated)
<b>Approvals</b>	UL File No. E204590



Heating capacity / Ambient temperature diagram CR 027 (50Hz)



Heating capacity / Ambient temperature diagram CR 027 (60Hz)



Art. No.	Operating voltage	Heating capacity* (50Hz)	Heating capacity* (60Hz)	Inrush current max.	Airflow, free flow	Setting range Temp. regulator	Weight (approx.)
02700.0-00	220-240VAC, 50/60Hz	475W	550W	11.0A	35m <sup>3</sup> /h	0 to +60°C	0.90kg
02701.0-00	220-240VAC, 50/60Hz	550W	650W	13.0A	45m <sup>3</sup> /h	0 to +60°C	1.10kg
02700.9-00	100-120VAC, 50/60Hz	400W	550W	14.0A	35m <sup>3</sup> /h	+32 to +140°F	0.90kg
02701.9-00	100-120VAC, 50/60Hz	510W	650W	15.0A	45m <sup>3</sup> /h	+32 to +140°F	1.10kg

\*at 20°C (68°F) ambient temperature