

ENCLOSURE HEATER WITH FAN

CR 030



This compact high-performance fan heater is used to protect against frost and condensation in enclosures and casings. It is a combination of high performance cartridge heater and fan and thus achieves a high heating and air flow. CR 030 versions allow easy mounting of the heating to the base of an enclosure. Available with integrated tamper-proof thermostat version.

- High performance cartridge heater
- Temperature safety cut-out as overheating protection
- Screw fixing for the housing base of an application
- Integrated thermostat



OVERVIEW TECHNICAL DATA

Temperature monitoring	Overheating protection in the event of fan failure with automatic reset, additional protection by irreversible fuse
Protection class	II
Protection type	IP20
Heating element	High-performance heating cartridge
Heater element	Aluminum profile
Casing	Plastic to UL94 V-0, black
AC/DC	AC
Frequency	50;60 Hz
Heating capacity	950 W
Axial fan	160 m³/h
Service life	>50000 h
Switching differential	7 K
Operating temperature	-45 °C - 70 °C
Operating humidity	≤90 % RH
Storage humidity	≤90 % RH
Storage temperature	-45 °C - 70 °C
Connection type	Connection terminal
Torque	0,8 Nm max.
Connection	2-pole max. 2.5 mm² with strain relief
Mounting	Screw fixing
Installation position	Airflow direction "in" vertical / connection at the bottom
Height	100 mm

Width	145 mm
Depth	168 mm
Weight	1400 g

PRODUCT VARIANTS

Article number	Operating voltage	Setting range	Switching differential tolerance	Note
03059.9-00	120 V	32 °F - 140 °F		Fan heater with thermostat;other heating capacities from 200 W on request;tolerance ± 4 K;switching temperature differential 7 K (± 4 K tolerance).
03051.0-00	230 V	0 °C - 60 °C	± 1 K	Fan heater with thermostat;other heating capacities from 200 W on request;Operating temperature of the heating with integrated hygrostat: 0 to +60 °C (+32 to +140 °F);Switching temperature differential 7 K (± 4 K tolerance).

TECHNICAL DRAWINGS

