ENCLOSURE HEATER WITH FAN

CR 130 | 13051.0-00



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 cut-out as overheating protection
- Screw fixing for the housing base of an application
- Integrated thermostat

OVERVIEW TECHNICAL DATA

Device type	Fan heater; Touchsafe
Temperature monitoring	Overheating protection in the event of fan failure with automatic reset, additional contactor with irreversible fuse
Protection class	II
Protection type	IP20
Heating element	High-performance heating cartridge
Heater element	Aluminium profile
Casing	Plastic to UL94 V-0, black
AC/DC	AC
Operating voltage	230 V
Frequency	50;60 Hz
Heating capacity	950 W
Axial fan	160 m³/h
Service life	>50000 h
Setting range	0 °C - 60 °C
Switching differential	7 K
Switching differential tolerance	
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	Clip for 35 mm DIN rail; screw fixing

Installation position	Airflow direction "in" vertical / connection at the bottom
Height	99 mm
Width	168 mm
Depth	182 mm
Weight	1500 g
Note	Fan heater with thermostat;other heating capacities from 200 W on request;tolerance ±4 K;switching temperature differential 7 K (±4 K tolerance).

TECHNICAL DRAWINGS



