ENCLOSURE HEATER WITH FAN

DCR 030 | 03097.3-12



This resistance heater with fan is designed for connection to a DC voltage supply. Optionally with adjustable integrated thermostat or hygrostat. Accessories: external sensor. Installation type: Housing base installation using screws.

- Push-in terminals for quick electrical connection
- User safety: touch-safe thanks to touch-safe plastic coating
- Accessories: external sensor
- Integrated switch module: Thermostat or hygrostat

OVERVIEW TECHNICAL DATA

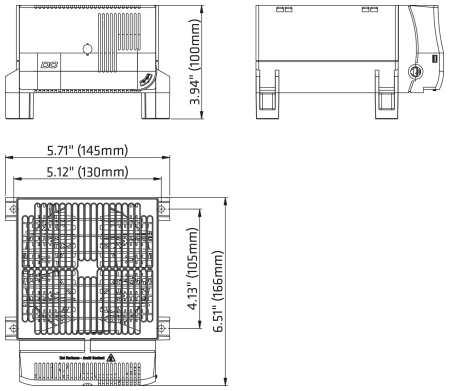
Device type	Fan heater; DC applications; Integrated control; Touchsafe
Temperature monitoring	Overheating protection in the event of fan failure with automatic reset, additional contactor with irreversible fuse
Protection class	II
Protection type	IP20
Heating element	High-performance heating cartridge
Heater element	Aluminium profile
Casing	Plastic to UL94 V-0, black
AC/DC	DC
Operating voltage	56 V
Heating capacity	800 W
Axial fan	160 m³/h
Service life	>50000 h
Setting range	-20 °C - 40 °C
Switching differential	3 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
Connection	2-pole "push-in" connection terminal Stranded wire1 1.5 mm² (AWG 16) with strain relief; max. 2.5 mm² (AWG 12)
Design	Fan heater with integrated thermostat with internal temperature sensor
Mounting	Screw fixing

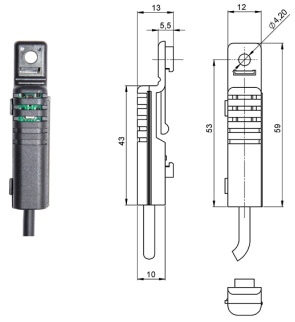
Installation position	Airflow direction "in" vertical / connection at the bottom
Height	100 mm
Width	145 mm
Depth	166 mm
Weight	1400 g
Note	Fan heater with thermostat;other designs (heating capacities, setting ranges) and operating voltage DC 48 V on request;tolerance ±1 K

EXTERNAL SENSOR

Article number	Depth
267071	1000 mm
267072	2000 mm
267126	3000 mm

TECHNICAL DRAWINGS





The external sensor can be ordered separately.

Connection diagram

