# ENCLOSURE HEATER WITH FAN

## DCR 030 | 03092.1-03



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

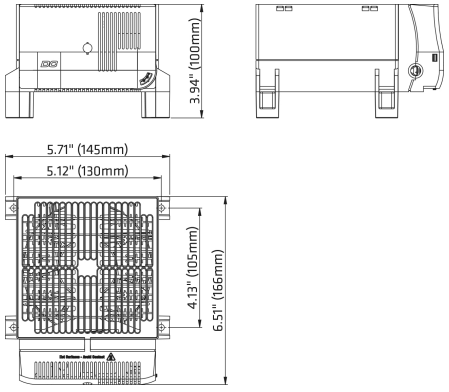
| | |
|---|---|
| Device type | Fan heater; DC applications; Integrated control; Touchsafe |
| Temperature monitoring | Overheating protection in the event of fan failure with automatic reset, additional contactor with irreversible fuse |
| Protection class | II |
| Protection type | IP20 |
| Heating element | High-performance heating cartridge |
| Heater element | Aluminium profile |
| Casing | Plastic to UL94 V-0, black |
| AC/DC | DC |
| Operating voltage | 24 V |
| Heating capacity | 200 W |
| Axial fan | 160 m³/h |
| Service life | >50000 h |
| Setting range | 40 % RH - 90 % RH |
| Switching differential | 4 % RH |
| 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 hygrostat with connection for external humidity sensor |
| Mounting | Screw fixing |

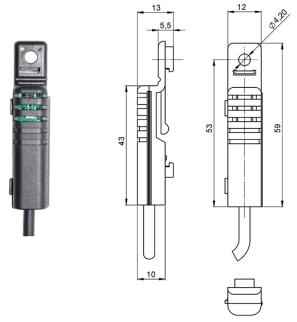
| | |
|---|---|
| Installation position | Airflow direction "in" vertical / connection at the bottom |
| Height | 100 mm |
| Width | 145 mm |
| Depth | 166 mm |
| Weight | 1400 g |
| Item number accessories 1 | 267071 |
| Item number accessories 2 | 267072 |
| Item number accessories 3 | 267126 |
| Accessory 1 | external sensor, 1m |
| Accessory 2 | external sensor, 2m |
| Accessory 3 | external sensor, 3m |
| Note | Fan heater with thermostat;other designs (heating capacities, setting ranges) and operating voltage DC 48 V on request;tolerance ±1% rH |

## 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

