ENCLOSURE HEATER WITH FAN

DCR 030



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 due to touch-safe plastic sheathing
- 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	Aluminum profile
Casing	Plastic to UL94 V-0, black
AC/DC	DC
Axial fan	160 m³/h
Service life	>50000 h
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)
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

PRODUCT VARIANTS

Article number	Operating voltage	Heating capacity	Setting range	Switching differential	Design	Item number accessories 1	Item number accessories 2	Item number accessories 3	Accessory 1	Accessory 2	Accessory 3	Note
03092.1-03	24 V	200 W	40 % RH - 90 % RH	4 % RH	Fan heater with integrated hygrostat with connection for external humidity sensor	267071	267072	267126	external sensor, 1m	external sensor, 2m	external sensor, 3m	Fan heater with thermostat;other designs (heating capacities, setting ranges) and operating voltage DC 48 V on request;tolerance ±1% rH
03092.1-12	24 V	200 W	-20 °C - 40 °C	3 K	Fan heater with integrated thermostat with internal temperature sensor							Fan heater with thermostat;other designs (heating capacities, setting ranges) and operating voltage DC 48 V on request;tolerance ±1 K
03092.1-13	24 V	200 W	-20 °C - 40 °C	3 K	Fan heater with integrated thermostat with connection for external temperature sensor	267071	267072	267126	external sensor, 1m	external sensor, 2m	external sensor, 3m	Fan heater with thermostat;other designs (heating capacities, setting ranges) and operating voltage DC 48 V on request;tolerance ±1 K
03095.3-03	56 V	600 W	40 % RH - 90 % RH	4 % RH	Fan heater with integrated hygrostat with connection for external humidity sensor	267071	267072	267126	external sensor, 1m	external sensor, 2m	external sensor, 3m	Fan heater with thermostat;other designs (heating capacities, setting ranges) and operating voltage DC 48 V on request;tolerance ±1% rH
03097.3-12	56 V	800 W	-20 °C - 40 °C	3 K	Fan heater with integrated thermostat with internal temperature sensor							Fan heater with thermostat;other designs (heating capacities, setting ranges) and operating voltage DC 48 V on request;tolerance ±1 K
03097.3-13	56 V	800 W	-20 °C - 40 °C	3 K	Fan heater with integrated thermostat with connection for external temperature sensor	267071	267072	267126	external sensor, 1m	external sensor, 2m	external sensor, 3m	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