

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

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	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
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PRODUCT VARIANTS

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