

# Catalogue No: CR 02701.0-00

## FAN HEATER 220-240V AC H165x100xD128mm 550W

Enclosures and Climate Control > Climate Control > Heaters and Regulating Devices > Heaters > Anti-Condensation Fan Heaters > CR027 Series - Semiconductor Fan Heaters



Representative Photo Only  
(actual product may vary based on configuration selections)

### Fan heater 220-240V AC H165X100xD128mm 550W

- Compact design
- Easy DIN rail mounting
- Double insulated
- Temperature safety cut out
- Integrated thermostat

#### SPECIFICATIONS

Product Series	CR027
Component Type Heaters Filter Fans Regulating Devices	Fan Heater
Heating Capacity, Ambient 20°C	550 W @20°C
Material, Body / Housing	Plastic material
Heating Element	PTC Thermistor
Ue, Rated Operational Voltage, AC, min	220 V AC
Ue, Rated Operational Voltage, AC, max	240 V AC
Inrush Current, Max	13 A
Rated Frequency	50 / 60 Hz
Pre-Fuse T (time delay)	8 A
Mounting (Multiple)	DIN-35 Rail Mount
Details, Installation Position	Vertical airflow (air outlet up) - other fitting positions possible position
IP Rating	IP20
Protection Class, Heater	II Heater
Connection	2 pole clamp 2.5 mm <sup>2</sup> , clamping torque 0.8 Nm max
Integrated Thermostat	Yes Y/N
Setpoint Range(s)	0 ... 60°C
Optical Indicator	Yes Y/N
Fan Type	Axial fan, ball bearing
Airflow (free)	45 m <sup>3</sup> /hr
Service Life (fan)	50,000 hours at +25 degrees C
Temperature Safety Cut-out	Yes, with automatic reset to protect against overheating in case of fan failure
Height	165 mm
Width	100 mm
Depth	128 mm
Weight	1.1 kg
Operating Temperature, Min	-45 °C min
Operating Temperature, Max	70 °C max



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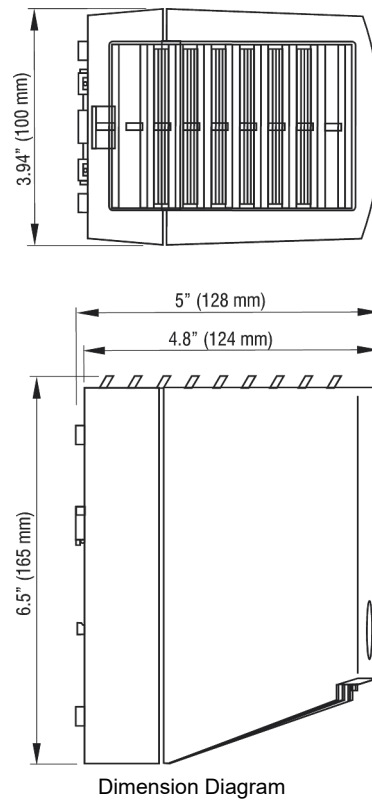
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Storage Temperature, Min	-45 °C min
Storage Temperature, Max	70 °C max
Relative Humidity, Max	90 %RH
Approvals	VDE + UL File no. E204590

### REFERENCES

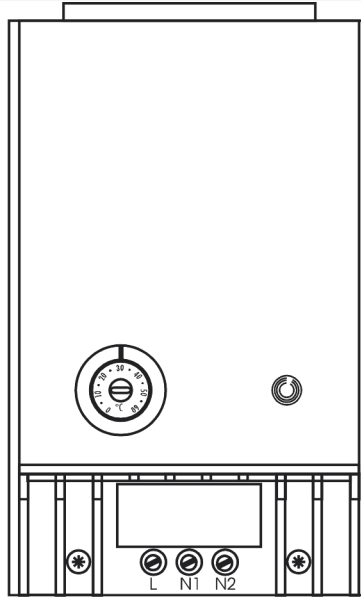
IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	-
Manufacturer Catalogue & Product Selection:	-



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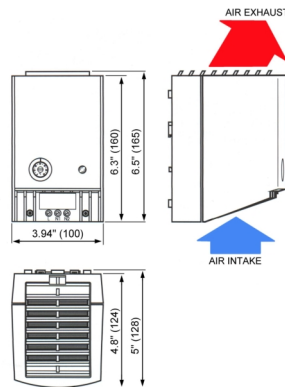
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**Wiring note:** Only connect the L and N1 terminals - N2 is not used and Grounding is not required

Connection / Wiring Diagram



Technical Diagram