

ACH475 475WATTS 230 VOLTS

FEATURES

- Very Reliable
- Easy to fit
- Robust
- Compact sizing
- No Moving parts

RS PRO ACH475 475WATTS 230VOLTS

RS Stock No.: 226-3692



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

RS PRO Anti – Condensation heaters have been designed for use in switch and control gear cubicles, where a low wattage heater is required to prevent condensation.

They comprise a vitreous enamelled resistor mounted in a sheet steel case and having a removable perforated sheet steel cover. There is a cable entry grommet at each end and M4 terminal screws are provided on the resistor. Cable connection is via the M4 screws or 6.3mm push on receptacles

General Specifications

To ensure best results, the heaters should be mounted on the back plate of the enclosure with the resistor horizontal, and the terminals at the bottom. This will ensure a free flow of air over the resistor. If it is not possible to mount the heater in this way, or if the flow is severely restricted, it may be necessary to use heat resisting cable to connect the heaters

Electrical Specifications

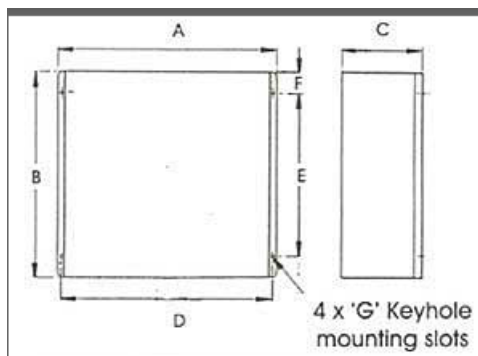
The power rating required to prevent condensation in a given cubicle depends upon a number of factors, including ambient temperature and relative humidity. However, as a general guide, 10 Watts per square metre of cubicle surface area may be used

Additional Information

Custom Tariff Number	85169000
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Approvals

Standards Met	The Low Voltage Directive 2014/35/EU, meeting all required compliances and safety objectives for DC current 75-1500V
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A	B	C	D	E	F	G
182	300	133	168	208	38	4

Short time overload	Refer to graph. Note that performance at intervals less than 10 seconds are dependent upon resistance value. Assuming a cooling time of at least 20 minutes between duty cycles.
Load life	Tested for 500 cycles for minimum 1,000 hours
Load life in humidity	Tested for 500 cycles for minimum 1,000 hours at 40°C ambient, 90-95% humidity
Temperature cycling/ thermal shock	Tested from -55°C ambient under full power for 30 mins and from 155°C ambient under full power for 30 mins. 5 cycles.
Corrosion	Tested for 240 hours at 40°C ambient and 90-95% humidity. All fasteners & bracketry zinc plated.
Dielectric withstand voltage	2kV terminal to ground (greater on request). Maximum across resistor 2.9 kV
Temperature coefficient	Maximum 50ppm/°C