

ANALOGUE - Heater Base Model B524HTR

Overview

Features

- Improves resilience to condensation
- Consists of 300 ohms of surface mounted resistors
- 2.6 Watts of heating power at 28VDC
- AC supply can be used, maximum 4 Watts power
- Terminals capable of accepting 2.5mm² cable
- Total depth of only 36mm
- Compatible with all Series 200 plus sensors



Description

The B524HTR is a two wire heated base. Designed to be used when environmental conditions mean frost or condensation may build in the detector's chamber and cause false alarms. The heater base raises the temperature of the detector by a few degrees in order to avoid the build up of the condensation or frost in the chamber.

The heat delivered through the PCB heats the detector using convection air flows.

Architect/Engineer Specifications

B524HTR Heater Base

Electrical Specifications

Max Power to Heating Elements	4W
Equivalent Heating Resister Value	300 Ohm
Power Delivered	$P = \frac{V^2}{300}$

Environmental Specifications

Operating Temperature Range	-30°C to +60°C
Operating Humidity	10% to 93% Relative Humidity (non-condensing)

Mechanical Information

Height	36mm
Diameter	103mm
Weight	92g
Wire Gauge for Terminals	0.5mm ² – 2.5mm ²

Note: Mounting to mounting boxes with a hole spacing between 21(2") and 60mm. Screw size less than 4.5mm diameter.

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Installation information: in order to ensure full functionality, refer to the installation instructions as supplied.