



80° Celsius Bimetallic Heat Detector

HS80

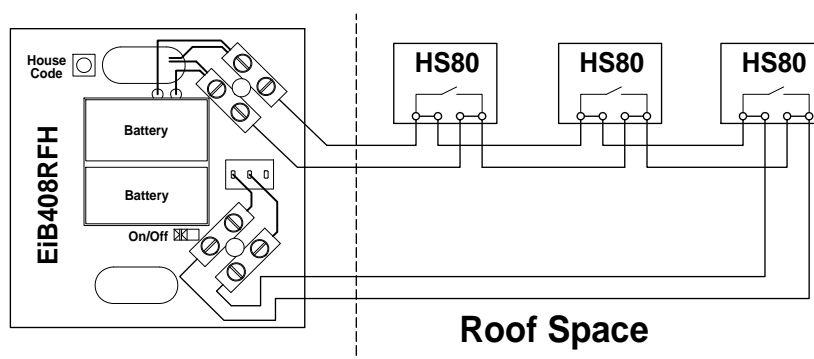
General Description

Brooks HS80 is an 80 degree Celsius bimetallic heat detection switch, ideally suited to roof space heat detection applications. The HS80 is used in conjunction with other Radiolink alarm devices such as the EIB408RFH.

The normally open switch closes when the ambient temperature (roof space) reaches 80°C causing a clean contact input device remotely located to activate. It has four terminals for two wire parallel input/output, making daisy chaining simple.

Typical Application

The application shown in the following diagram is a typical application to use HS80 in the roof space. When HS80 reaches the preset temperature, it triggers a remotely located Radiolink input device EIB408RFH which activates a number of smoke alarms located in the building.



Specifications

Sensor Temperature	Closed contact at 80°C +/- 5°C.
Voltage Range	0 -30 V
Quiescent/Alarm Current	0 mA
Dimensions	72mm diameter x 35mm height.
Material	Polycarbonate ABS Combination 135°C
Colour	White

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All technical features and data are subject to changes without notice, resulting from continuous development and improvement.

Product Leaflet	Date of issue	Revision / Date of revision
DS/HS80	24/08/2010	

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