

ELEMENTS – WP60

Waterproof Bi-metal Fixed Temperature Heat Detector

Features

- Bimetal sensing to 60° C
- IP67 (SETSCO Certified)
- Suitable for wide operating temperature range
- Equipped with proper screw clamp termination base
- False alarm resistance design
- Suitable for high humidity environment
- Attractive high gloss quality finish with textured grip
- Certification to BS EN54-5 Class A2S

Tick Mark Certified & Listed by INTERTEK, Member of UKAS



ELEMENTS WP60 is a two-wire waterproof bi-metal type fixed temperature heat detector that has been designed for the tropical climate. The WP60 is built with a hermetically sealed sensor combined with an electronic comparator circuit which ensure sensor stability while ensuring consistent sensitivity. The unique features that place emphasis on installer & user friendliness and high reliability in challenging environment.

The combined features of fixed temperature sensitivity and water ingress protection of WP60 makes it an excellent choice when applied in challenging exposed environment compared against electronic type heat detectors.

It is equipped with a superbright LED alarm indicator for easy identification of an activated detector, and comes with associated terminals on the base to facilitate tap-out for remote indication when used in concealed areas.

Unique Features:



Six drainage channels are incorporated into the detector head to allow water to be drained away from the sensing assembly and to facilitate spotting of leaking installation at ground level.



Textured ring around detector head to improves grip during installation and removal.



Well spaced-out cable terminals with embossed terminal markings and screw retention mounting slots. Integrated remote indicator output.

Technical Specifications

Model Number: WP60

Operating Humidity: 0 – 100% RH

Weight: 108g

Operating Voltage: 10~33VDC

Alarm Current: <70mA

Comply with standard: BS EN54-5 – A2S

Storage Temperature: -22 ~ +40° C

Dimensions: Ø100mm x 51mm

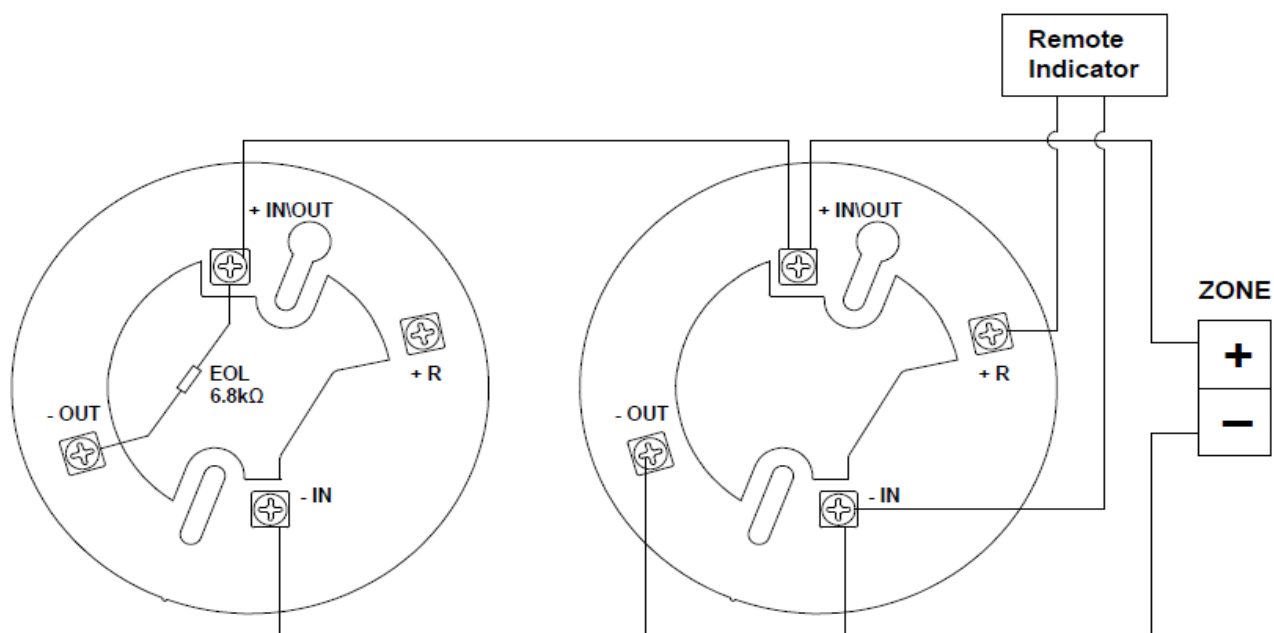
Ingress Protection Rating: IP67, SETSCO Certified

Quiescent Current: <45uA

Alarm Response: 60°C Static

Operating Temperature: -22 ~ +80° C

Termination Details



Maintenance

The heat detector shall be tested and maintained regularly in line with AHJ requirements or 20% tested annually.
All heat detectors are recommended to be replaced after 10 years of service.

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For more information, contact us at sales@patent.com.sg WP60-V6-28.04.2026

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