DT934VAS-RF

Series 930 Wireless Heat Detector (A1R) With Sounder & Red Visual Indicator

General

The DT934VAS-RF is a wireless addressable heat detector with integrated sounder and red visual indicator. The detector has a fixed temperature alarm threshold at 58°C, but also include a standard rate of rise algorithm that allows the detector to active at lower temperatures should the rate of change in temperature exceed the given threshold. The DT934VAS-RF is designed to provide notification and detection at a single point.

The DT934VAS-RF connects to a FP1200/2000 or 2X series panel by means of a wireless interface unit.

The Range

The 930RF series consists of:

· Optical smoke detectors
· Combination optical detectors /w sounders
· Combination optical detectors /w sounders & visual indicators (clear & red)
· Optical/heat multisensors
· Combination optical/heat multisensors /w sounders
· Combination optical/heat multisensors /w sounders & visual indicators (clear & red)
· Heat detectors (A1R and CS)
· Combination heat detectors /w sounders
· Combination heat detectors /w sounders & visual indicators (clear & red)
· Sounders (red & white)
· Sounder/beacons (red & white)
· Manual call points
· Interface modules (single & dual inputs)

Operating Principle

Fire devices are often installed in buildings where wiring presents a challenge because the fabric of the building or its design is negatively affected by the use of cables. It could also be difficult to introduce cable runs into historic buildings. The 930RF series is ideal for these applications.

The 930RF devices communicate with a standard (wired) 900 series loop by means of radio signals. A wireless interface is connected to the loop in the same way as any other interface, and operates as an input/output unit. Every 930RF series device is assigned an address that is recognised by the control panel in the same way as if the device was connected directly to the loop wiring. Being wireless is completely transparent for the CIE.

Details

- Easy to install, single point application
- Proven technology
- 4 Tone pairs supported
- Standard 900 series card addressing
- Self-monitoring, bi-directional radio platform
- Eliminates cable installation problems
- Backup battery support
- 5 years battery life*
- Uses 868MHz radio channels
- EN54:25 and CPD certified
- * At specified testing intervals

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Technical specifications

General

Status indication	LED
User interface	LED
Wireless frequency	868 MHz
Compatibility	Systems with Aritech 900 series support

Electrical

Operating voltage	2.8 to 5 VDC

Detection

Monitoring	Device type, Presence

Physical

Physical dimensions	146 x 86 mm (Ø x H)
Net weight	760 g
Colour	White
Mounting type	Base mount, Ceiling mount
Batteries	Duracell Pro Cell 6 x AA size

Environmental

Vandal proof	No
Environment	Indoor

Standards & regulation

Compliancy	CE, REACH, RED (2014/53/EU), RoHS 2, WEEE
Certification	CPR
Standards	EN54-3, EN54-5, EN54-25

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