FCX-532-001

Fusion Wireless Interface Unit with Isolator

General

The FCX-532-001 is an addressable zone monitoring unit for interfacing with a zone of wireless devices. It includes a loop short circuit isolator.

The FCX-532-001 acts as an interface between an intelligent control panel (CIE) and Fusion wireless field devices. It transfers the wireless data from the radio signal into the wired protocol both to and from the control panel, allowing the CIE to communicate seamlessly to these devices. The FCX-532-001 may be used on both the Aritech FP1200/2000 and well as the 2X fire panel ranges.



The Range

The Fusion series consists of:

· Optical Smoke Detectors
· Multisensor Smoke Detectors
· A1R Heat Detectors
· CS Heat Detectors
· Sounders in red and white
· Combination Sounder VIDs and VADs
· Manual Call Points
· Interface Modules

Operating Principle

Fire detection is often required in buildings where cabling presents a challenge because of the design or architecture of the building. Wireless installation provides the ideal solution to these environments.

Ideal for the application in hybrid systems where both wired and wireless devices share the same CIE. Multiple gateways can be incorporated on a single installation using an easy to use, site survey kit to confirm the positioning of the wireless devices. Every gateway supports up to 31 wireless devices.

Every Fusion wireless device is assigned an address which is recognised by the control panel in the same way as is the address of any wired device connected directly to the CIE loop wiring.

Détails

- Easy to install
- Standard loop addressing
- Self-monitoring
- Eliminates cable installation problems
- Uses European approved, 868MHz radio channels
- Up to 31 devices per interface
- Loop powered
- On board, short circuit isolation

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Spécifications techniques

Général

Indication d'état	LEDs
Fréquence radio	868 MHz
Compatibilité	Systems with 900 Series protocol support

Électrique

Type de bloc d’alimentation	Externe
Tension de fonctionnement	17 to 28 VDC
Consommation de courant	17 mA (typical) 91 mA (maximum)

Caractéristiques physiques

Dimensions physiques	270 x 205 x 75 mm (w x h x d)
Poids net	0.95 kg
Type de montage	Montage au plafond, Fixation murale

Environnement

Protégé contre le vandalisme	Non
Température de fonctionnement	-10°C to 50°C
Température de stockage	5°C to 30°C
Humidité relative	< 95% non-condensing
Environnement	Intérieur
Indice de protection	IP54

Régulateur

Conformité	CE, REACH, RED (2014/53/EU), RoHS 2, WEEE
Certification	BOSEC, CPR
Normes	EN54-17, EN54-18, EN54-25 EN54-13

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Last updated on 2 June 2026 - 12:00