FC-200-003

Fusion wireless manual call point with Protective lid cover (Red)

General

The FC-200-003 is an RED addressable, wireless, resettable manual call point including batteries. It is suitable for indoor use and connects to a Fusion or Ziton gateway.

Batteries typically have a minimum of three-year life expectancy.

Overview

The FC-200-003 call point is quick and easy to install and offers individual addressing at the fire control panel. Dual band 868 MHz operation, auto adjusting power output, fire indication LED, resettable element, anti tamper and a test key are standard features. A transparent hinged cover is also included for protection against accidental operation in busy environments.

This device is third party EN certified and compatible with the EMS FireCell system, EMS Fusion Radio Loop Module (RLM), EMS Wireless Zone Monitor (WZM) as well as Ziton ZPR868 series wireless interfaces.

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, up to five gateways may be installed on any wired CIE loop. Up to five gateways can easily be incorporated on a single installation (with larger systems possible through design), 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 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.



Details

- Dual band 868 MHz operation
- Fire indication LED
- Resettable element
- Anti tamper locking
- Protective cover
- Third party EN certified

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Technical specifications

General

Status indication	LED
Wireless frequency	868 MHz
Compatibility	Fusion gateway FCX-532-001, Ziton gateways ZPR868 series
Connectivity	Wireless
Addressing method	Electronic

Electrical

Power supply type	Batteries
Batteries	6x AA Alkaline (Panasonic LR6AD Powerline / Varta 4006 Industrial)
Operating voltage	2.8 to 5 VDC
Output transmitter power	0 to 25 mW, 0 to 14 dBm (auto adjusting)

Detection

Detection principle	Microswitch
Monitoring	Device type, Presence, Tamper
Coverage area	Dependant on local regulations
Installation height	Determined by local regulation

Physical

Physical dimensions	90 x 98 x 72.5 mm (W x H x D)
Net weight	350 g
Colour	Red
Mounting type	Wall mount
Cable entries	NA
Material (body)	ABS
Functional marking	House on fire

Environmental

Vandal proof	No
Operating temperature	-10 to 55°C
Storage temperature	+5 to +30°C
Relative humidity	0 to 95% noncondensing
Environment	Indoor
IP rating	IP24

Regulatory

Compliancy	CE, REACH, RED (2014/53/EU), RoHS 3, WEEE
Certification	CPR
Standards	EN54-11, EN54-25

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