

## 2X-FR-FB2-C-xx

Addressable Fire Panel Repeater with Fire Brigade controls - Compact

### Overview

The 2X Series life safety control systems are bringing the speed and functionality of high-end intelligent processing to small to mid-sized addressable applications. They feature an attractive contemporary design that fits with any decor. Special plastics allows for painting in any color and the easy to remove electronics will support in this matter. The gently lined door with the intuitive dark inset user interface and EN54 compliant graphical LCD offers a distinctive flair. The main controls are clearly, but discreetly highlighted with the focus on the central located Jog Dial.

With the addressable detection and a full line of easily configured option cards and modules, USB and Ethernet® connectivity, these quick-to-configure systems offer versatility that benefits building owners and life safety system installers alike.

### The Compact Repeater

The compact repeater with Fire Brigade and Fire Protection controls on the user interface, supplied in local language come with a network facility already assembled (no network board required). Except for having no addressable loops and corresponding programmable outputs, the setup is similar as a normal fire panel. It has by default 2 conventional relay output, 2 supervised inputs, 1 RS232, 2 USB and 1 Ethernet port. The repeater has no mains voltage power supply unit, but it allows for redundant 24VDC supply connections. For future use and expansions there is also already a repeater bus incorporated. The compact repeater is very easy to mount via the DIN-rail mounting option.

### Options

The repeaters use a node on the network, similar like a normal panel with a maximum of 32 nodes / 32 loops network of fire panels and fire panel repeaters (including conventional fire panels and fire panel repeaters up to a maximum of 64 conventional zones). In case more nodes on the network are required you can expand the network capabilities with an optional panel activation key. For the RS232 connection you can order the 2010-2-232-KIT, which includes a RS232 isolator board.

### Approvals & Compliance

- CE / CPD • BS5839-1 compliant
- WEEE / RoHS compliant



### Standard Features

- Local or global repeater with Fire Brigade and Fire Protection controls with or without global control functionality
- Auto configuration, setup wizards and default EN54 setup modes
- Ethernet port with TCP/IP for remote diagnostics, maintenance and programming
- EN54 compliant graphical LCD with icons and up to 256 zones
- Jog Dial with 4 soft buttons for simple and intuitive user control
- Aesthetic pleasing design with special paintable synthetic door
- Easy removable cover and chassis for quick and clean installation
- All pluggable connectors
- 2 USB ports with memory stick support and RS232 for printer support
- Email notification for events directly from the panel (4 user accounts)
- Redundant 24VDC supply
- 3 operator level menu structure (20 usernames and passwords)
- History log memory for 9999 events
- DIN-rail mounting

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### Specifications

Supply	
Nominal	24VDC
Minimum	20VDC
Maximum	30VDC
Typical current	190 mA at 24 VDC
Cable type	2 x 1.5 mm <sup>2</sup>
Relay outputs	
Type	Potential free, NO/NC/C
Maximum output current	2 A / 30 VDC
Inputs	
Programmable	2
Cable type	Recommended 2 core 1.5 mm <sup>2</sup> twisted pair
End of Line resistor	15kohm
Environmental conditions	
Storage temperature	-20°C to +50 °C
Operating temperature	-5°C to +40 °C
Relative humidity	max. 95 % (non-condensing)
Mechanical	
Size (W x D x H)	300 x 61 x 240 mm
Weight	2 kg
Color	RAL9010
Cable entries (Top / Bottom / Back)	6 / 4 / 6 (20mm)
IP rating	IP30: for indoor use only (DIN rail mounting only)

### Ordering Information

Part No.	Description
2X-FR-FB2-C-xx	Addressable Fire Panel Repeater with Fire Brigade controls - Compact
2010-2-232-KIT	Addressable Fire Panel - Accessory - RS232 Kit
2010-2-PAK-NET128	2010-2 PAK Increases the network capability to 32 nodes and 128 loops
2010-2-PAK-NET256	2010-2 PAK Increases the network capability to 64 nodes and 256 loops
2010-2-PAK-RMSDK	2010-2 PAK Enables custom event reporting and command control using the Edwards
2010-2-PAK-RMOH	2010-2 PAK Enables the Contact ID protocol over Ethernet
2010-2-PAK-RMBN	2010-2 PAK Enables the BACnet protocol over Ethernet
2010-2-PAK-RMMB	2010-2 PAK Enables the Modbus protocol over Ethernet

