2X-FR-FB2-S-11

Addressable Fire Panel Repeater with Fire Brigade controls - Small cabinet - Dutch Belgian

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 Panel

The fire panel repeaters, with user interface with fire brigade and fire protection controls, supplied in local language come with a 2010-2-NB network board already fitted. Except for having no addressable loops and corresponding programmable outputs, the setup is similar as a normal fire panel. It and has its own power supply, 2 conventional relay outputs and 2 supervised outputs, working in pair and dedicated to common fire and fault conditions, as well as 2 user configurable inputs for monitoring and control are available.

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). Last but not least, in case seperate zone indications are required, a 24 zone fire/fault LED indicator board can be mounted in the panel or repeater with space for a 4 digit number.

Approvals & Compliance

- CE / CPD / EN54-2 / EN54-4 / EN54-21
- NEN2535 / NBNS21-100 compliant
- BS5839-1 compliant
- VdS and LPCB certified
- WEEE / RoHS compliant

Détails

- Local or global repeater with Fire Brigade and Fire Protection controls with or without global control functionality
- Up to 24 LED Zone indicators for Fire and Fault with space for a 4 digit number
- 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 Dail with 4 soft buttons for simple and intuitive user control
- Aesthetic pleasing design with special paintable synthetic door
- Easy removable door and chassis for quick and clean installation
- All pluggable connectors
- 3 USB ports with memory stick support and RS232 for printer support
- Email notification for events directly from the panel (4 user accounts)
- Auxiliary 24VDC supply output with reset support
- 3 operator level menu structure (20 usernames and passwords)
- History log memory for 9999 events
- Up to 24 hours standby time and 30 minutes alarm
- Comes standard fitted with network board

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Spécifications techniques

Général

Network size (nodes)	Jusqu'à 64

Électrique

Type de bloc d'alimentation	VAC
Tension de fonctionnement	110/230 VAC (+10%/-15%), 50 / 60 Hz (±5%) Cable type: 3 x 1.5 mm² (live, neutral, earth)
Consommation de courant	Nom. 0.6 / 1.3 A, Max. 1.5 / 3.15 A 2 / 4 A (Fuse rating)

Entrée

Type d'entrée et classe	150 mA (max. Load), Cable Type: Recommended 2 core 1.5 mm² twisted pair
Programmable	2
Termination	15 kohm

Sortie

Type de sortie et classe	Cable type: Recommended 2 core 1.5 mm² twisted pair

Batterie de secours

Capacité	Max. 2 x 12 V, 7.2 Ah (use supplied cables)

Caractéristiques physiques

Types de format	Petit
Dimensions physiques	410 x 162 x 298 mm (W x H x D)
Poids net	5.2 kg (without battery)
Poids à l'expédition	6.6 kg
Couleur	Gris (RAL 7035)
Type de montage	Montage en surface
Entrées de câble	9 (20 mm) / 2 (20 mm) / 2 removable plates (Top / Bottom / Back)

Environnement

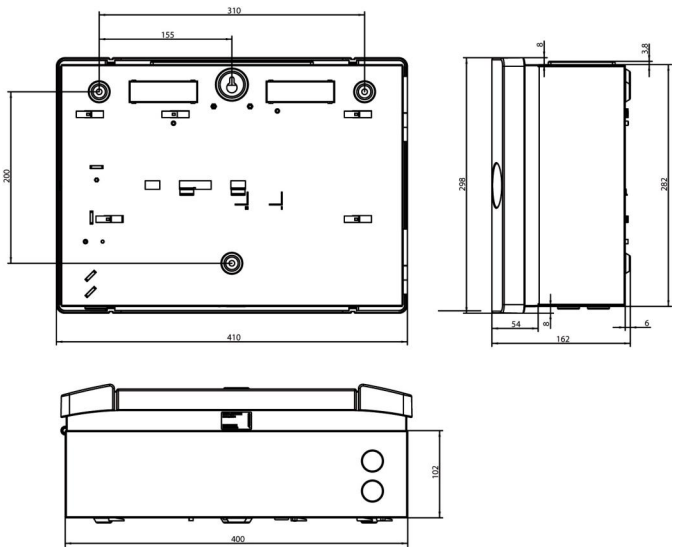
Température de fonctionnement	-5 to +40°C
Storage temperature	-10 to +50°C
Relative humidity	95% max. noncondensing
Environnement	Intérieur
Indice de protection	IP30: for indoor use only

Régulateur

Conformité	BS5839-1, CPD, LPCB, NBNS21-100, NEN2535, RoHS, WEEE
Certification	EN54-2, EN54-21, EN54-4, VdS

Output

General Fire + Fault supervised	2, 350 mA, 19.5 to 28 VDC (24 VDC nominal)
General Fire + Fault relay	2
Aux	1 resetable, 500 mA, 19.5 to 28 VDC (24 VDC nominal)



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