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

Detalhes

- 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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Especificações técnicas

Geral

Dimensão de rede (nós)	até 64

Elétrica

Tipo de fonte de alimentação	VAC
Tensão de operação	110/230 VAC (+10%/-15%), 50 / 60 Hz (±5%) Cable type: 3 x 1.5 mm² (live, neutral, earth)
Consumo de corrente	Nom. 0.6 / 1.3 A, Max. 1.5 / 3.15 A 2 / 4 A (Fuse rating)

Entrada

Tipo de entrada e operação	150 mA (max. Load), Cable Type: Recommended 2 core 1.5 mm² twisted pair
Programável	2
Terminação	15 kohm

Saída

Tipo de output e operação	Cable type: Recommended 2 core 1.5 mm² twisted pair

Bateria de standby

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

Físico

Fator de forma	Pequeno
Dimensões físicas	410 x 162 x 298 mm (W x H x D)
Peso líquido	5.2 kg (without battery)
Peso do envio	6.6 kg
Cor	Cinzento (RAL 7035)
Tipo de montagem	Montagem em superfície
Entradas para cabos	9 (20 mm) / 2 (20 mm) / 2 removable plates (Top / Bottom / Back)

Ambiental

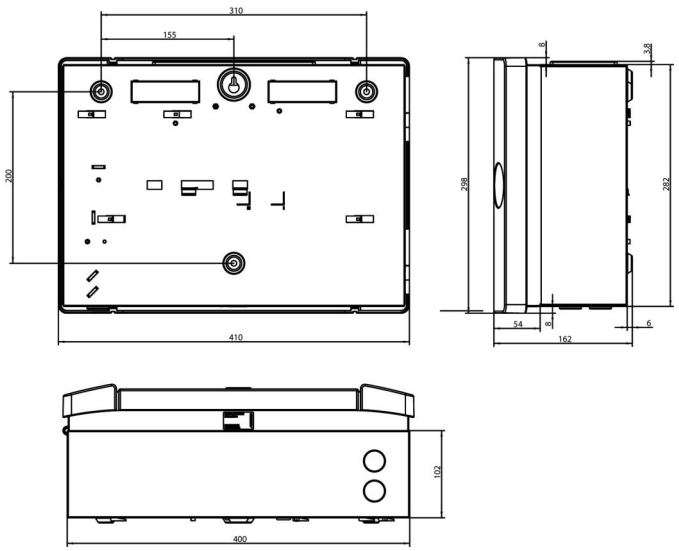
Temperatura de operação	-5 to +40°C
Temperatura de armazenamento	-10 to +50°C
Humidade relativa	95% max. noncondensing
Ambiente	Interior
Classificação IP	IP30: for indoor use only

Regulamentação

Conformidade	BS5839-1, CPD, LPCB, NBNS21-100, NEN2535, RoHS, WEEE
Certificação	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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