2X-F1-FB2-S-46

Addressable Fire Panel with Fire Brigade controls - 1 Loop small cabinet

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 panels supplied in local language, with user interface with fire brigade and fire protection controls, with 1 loop that supports up to 128 devices in 512 zones, have standard 2 supervised sounder/fire-routing outputs, which can be used as freely programmable outputs as well. In addition 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 panels supports one network board to create 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

- 1 loop with up to 512 zones with Fire Brigade & Fire Protection controls and 300 output groups
- 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
- Compatible with the new loop powered sounders/beacons and base sounders and the 2000 series detectors with replaceable optical chamber

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Especificações técnicas

Geral

Capacidade máxima de loop (quantidade de dispositivos)	até 8192
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)

Loop

Capacidade máxima de loop	1
Tipo e operação	Recommended 2 core 1.5 mm² twisted pair (cable)
Classificação do cabo	52 ohm, 500 nF, max. 2 km
Outputs	250 mA, 29 VDC (29 to 36 VDC)

Zona

Capacidade máxima de zonas	até 512

Entrada

Tipo de entrada e operação	150 mA (maximum load); Recommended 2 core 1.5 mm² twisted pair (cable)
Programável	2
Terminação	15 kohm (EOL resistor)

Saída

Tipo de output e operação	Recommended 2 core 1.5 mm² twisted pair (cable)
Sinalização de alarme de incêndio	2 x General Fire + Fault relay
Alimentação auxiliar	1 resetable, 500mA, 19.5 to 28 VDC (24 VDC nominal)
Programável	2, 750 mA, 19.5 to 28 VDC (24 VDC nominal) (supervised)
Terminação	15 kohm (EOL resistor)

Bateria de standby

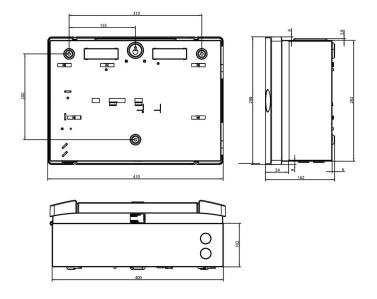|	
Capacidade	Max. 2 x 12 V, 7.2 Ah (use supplied cables)

Físico

Fator de forma	Pequeno
Dimensões físicas	410 x 298 x 162 mm (W x H x D)
Peso líquido	5.2 kg (without battery)
Peso do envio	10.1 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	EN54-13, EN54-2, EN54-21, EN54-4, VdS

Output

General Fire + Fault supervised	2, 350 mA, 19.5 to 28 VDC (24 VDC nominal)