

# 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 separate 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



### Details

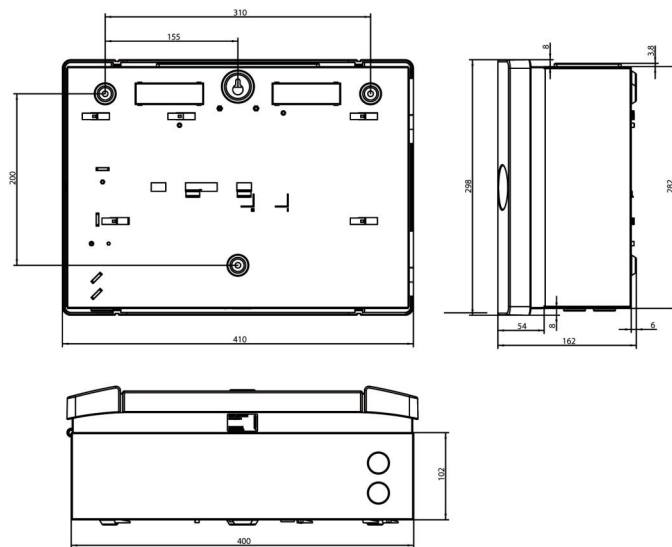
- 1 loop with up to 512 zones with Fire Brigade & Fire Protection controls and 300 output groups
- Up to 24 LED Zone indicators for Fire and Fault with space for a 4 digit number
- Auto configuration, setup wizards and default EN54 setup modes
- Ethernet port with TCP/IP for remote diagnostics, maintenance and programming
- EN54 compliant graphical LCD with icons and up to 256 zones
- Jog Dial 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

<b>Geral</b>		<b>Ambiental</b>	
Capacidade máxima de loop (quantidade de dispositivos)	até 8192	Operating temperature	-5 to +40°C
Network size (nodes)	até 64	Storage temperature	-10 to +50°C
<b>Elétrica</b>		Relative humidity	95% max. noncondensing
Tipo de fonte de alimentação	VAC	Ambiente	Interior
Tensão de operação	110/230 VAC (+10%/-15%) 50 / 60 Hz (±5%)	Classificação IP	IP30: for indoor use only
Consumo de corrente	Nom. 0.6 / 1.3 A, Max. 1.5 / 3.15 A 2 / 4 A (fuse rating)	<b>Regulamentação</b>	
<b>Loop</b>		Conformidade	BS5839-1, CPD, LPCB, NBNS21-100, NEN2535, RoHS, WEEE
Maximum loop capacity	1	Certification	EN54-13, EN54-2, EN54-21, EN54-4, VdS
Tipo e operação	Recommended 2 core 1.5 mm <sup>2</sup> twisted pair (cable)	<b>Electrical</b>	
Classificação do cabo	52ohm / 500nF max. 2km (length)	Mains supply cable type	3 x 1.5 mm <sup>2</sup> (live, neutral, earth)
Outputs	250 mA / 29VDC (29VDC to 36VDC )	<b>Output</b>	
<b>Zona</b>		General Fire + Fault supervised	2, 350mA / 19.5-28VDC (24 VDC nominal)
Maximum zone capacity	até 512		
<b>Entrada</b>			
Tipo de entrada e operação	150 mA (maximum load); Recommended 2 core 1.5 mm <sup>2</sup> twisted pair (cable)		
Programável	2		
Terminação	15 kohm (EOL resistor)		
<b>Saída</b>			
Tipo de output e operação	Recommended 2 core 1.5 mm <sup>2</sup> twisted pair (cable)		
Sinalização de alarme de incêndio	de 2 x General Fire + Fault relay		
Alimentação auxiliar	1 resetable, 500mA / 19.5-28VDC (24VDC nominal)		
Programável	2, 750mA / 19.5-28VDC (24VDC nominal) (supervised)		
Terminação	15 kohm (EOL resistor)		
<b>Bateria de standby</b>			
Capacity	Max. 2 x 12V/7.2Ah (use supplied cables)		
<b>Físico</b>			
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		
Colour	Cinzento (RAL 7035)		
Mounting type	Montagem em superfície		
Cable entries	9 (20mm) / 2 (20mm) / 2 removable plates (Top / Bottom / Back)		



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