

# 2X-F2-FB2-46

## Addressable Fire Panel with Fire Brigade Controls - 2 Loop - German

### 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 routing controls, with 2 loops that supports up to 256 devices in 512 zones, have standard 4 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 panel supports an extra 2 loop board that brings the panel to up to 512 zones with 4 additional programmable outputs. Add a 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 repeater panels up to a maximum of 64 conventional zones). Last but not least, in case separate zone indications are required, a 20 or a 40 zone fire/ fault LED indicator board can be mounted in the panel or repeater with ample space for custom text.

### 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

- 2 loops expandable to 4 with up to 512 zones with Fire Brigade & Fire Protection controls and 300 output groups
- Up to 40 LED Zone indicators for Fire and Fault with ample text space
- Auto configuration, setup wizard and default regional 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 72 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 32768
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 mm <sup>2</sup> (live, neutral, earth)
Consumo de corrente	Nom. 0.6 / 1.3 A, Max. 1.5 / 3.15 A 2 / 4 A (fuse rating)

Schleife	
Capacidade máxima de loop	4
Tipo e operação	Recommended 2 core 1.5 mm <sup>2</sup> twisted pair (cable)
Classificação do cabo	52 ohm, 500 nF, max. 2 km
Outputs	250 mA / 29VDC (29VDC to 36VDC )

Zona	
Capacidade máxima de zonas	até 512

Entrada	
Tipo de entrada e operação	150 mA (max. load); Recommended 2 core 1.5 mm <sup>2</sup> twisted pair (cable)
Programável	2
Terminação	15 kohm (EOL resistor)

Saída	
Tipo de output e operação	Recommended 2 core 1.5 mm <sup>2</sup> twisted pair (cable)
Sinalização de alarme de incêndio	2 x General Fire + Fault relay
Alimentação auxiliar	1 resetable, 500 mA / 19.5 to 28 VDC (24 VDC nominal)
Programável	4, 750 mA / 19.5 to 28 VDC (24 VDC nominal) (supervised)
Terminação	15 kohm (EOL resistor)

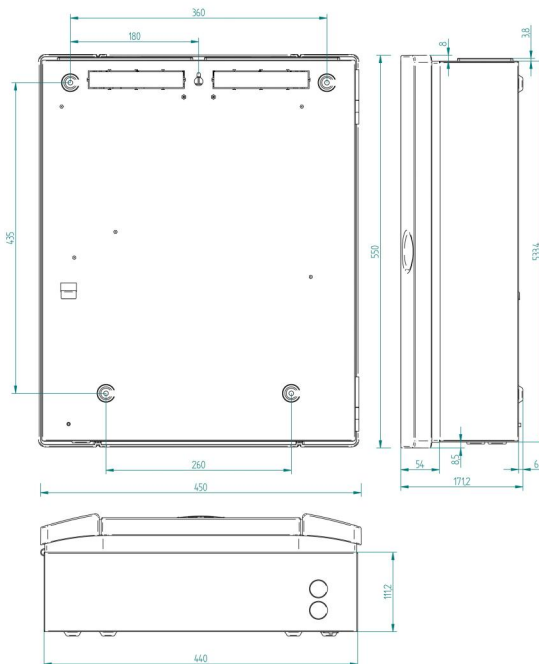
Bateria de standby	
Capacidade	Max. 2 x 12 V, 18 Ah (use supplied cables)

Físico	
Fator de forma	Grande
Dimensões físicas	450 x 550 x 171 mm (W x H x D)
Peso líquido	7.4 kg (without battery)
Peso do envio	10.1 kg
Cor	Cinza (RAL 7035)
Tipo de montagem	Montagem em superfície
Entradas para cabos	18 (20 mm) / 2 (20 mm) / 2 removable plates (Top / Bottom / Back)

Ambiental	
Temperatura de operação	-8 to +42°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

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



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