

2X-F1-FB2-S-11

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



Einzelheiten

- 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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Technische Spezifikationen

Allgemein

Maximale Systemkapazität (Anzahl der Geräte)	bis zu 8192
Netzwerkgröße (Knoten)	bis zu 64

Elektrische Angaben

Netzteil	VAC
Betriebsspannung	110/230 VAC (+10%/-15%), 50 / 60 Hz ($\pm 5\%$) Cable type: 3 x 1.5 mm ² (live, neutral, earth)
Aktueller Verbrauch	Nom. 0.6 / 1.3 A, Max. 1.5 / 3.15 A 2 / 4 A (fuse rating)

Schleife

Maximale Ringkapazität	1
Typ und Klasse	Recommended 2 core 1.5 mm ² twisted pair (cable)
Kabel-Klasse	52 ohm, 500 nF, max. 2 km

Zoniert

Maximale Meldergruppenkapazität	bis zu 512
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Eingang

Eingangstyp und Klasse	150 mA (max. load); Recommended 2 core 1.5 mm ² twisted pair (cable)
Programmierbar	2
Beenden	15 kohm (EOL resistor)

Ausgang

Ausgabety und -Klasse	Recommended 2 core 1.5 mm ² twisted pair (cable)
Brandalarmsignalisierung	2 x General Fire + Fault relay
AUX-Spannung	1 resetable, 500 mA, 19.5 to 28 VDC (24 VDC nominal)
Programmierbar	2, 750 mA, 19.5 to 28 VDC (24 VDC nominal) (supervised)
Abschluss	15 kohm (EOL resistor)

Standby Batterie

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

Formfaktor	Klein
Abmessungen	410 x 298 x 162 mm (W x H x D)
Nettogewicht	5.2 kg (without battery)
Liefergewicht	10.1 kg
Farbe	Grau (RAL 7035)
Montage	Oberflächenmontage
Kabeleinführungen	9 (20 mm) / 2 (20 mm) / 2 removable plates (Top / Bottom / Back)

Umweltbedingungen

Betriebstemperatur	-5 to +40°C
Lagertemperatur	-10 to +50°C
Relative Luftfeuchtigkeit	95% max. noncondensing
Umgebung	Draußen
IP Klassifizierung	IP30: for indoor use only

Regulativ

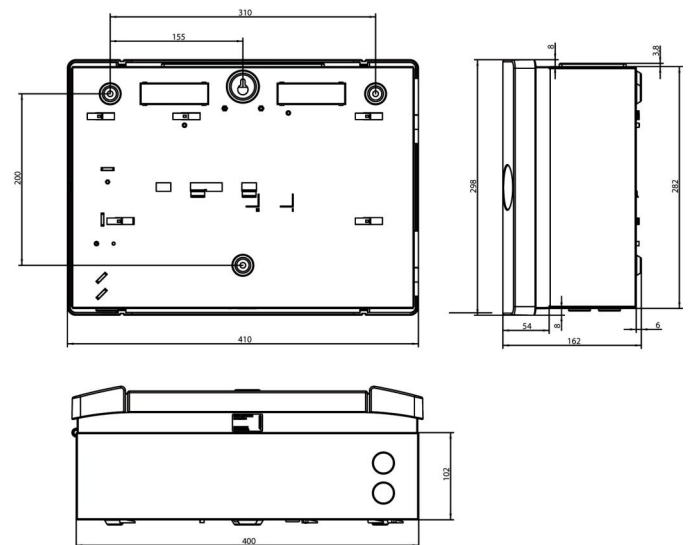
Kompatibilität	BS5839-1, CPD, LPCB, NBNS21-100, NEN2535, RoHS, WEEE
Zertifizierung	EN54-13, EN54-2, EN54-21, EN54-4, VdS

Output

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

Outputs	250 mA, 29 VDC (29 to 36 VDC)
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