



## 2X-F2-xx

### Addressable Fire Panel with User Interface - 2 Loop

#### 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 2 loops that supports up to 256 devices in 128 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 256 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



#### Standard Features

- 2 loops expandable to 4 with up to 256 zones and 300 outputgroups
- Up to 40 LED Zone indicators for Fire and Fault with ample text space
- Auto configuration, setup wizards 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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### Specifications

<b>Mains supply</b>	
Voltage	230 / 110 VAC (+10% / -15%)
Frequency	50 / 60 Hz (±5%)
Current	Nom. 0.6 / 1.3 A, Max. 1.5 / 3.15 A
Fuse rating	2 / 4 A
Cable type	3 x 1.5 mm <sup>2</sup> (live, neutral, earth)
<b>Batteries</b>	
Max. 2 x 12V/18Ah (use supplied cables)	
<b>Outputs</b>	
Programmable supervised	4, 750mA / 19.5-28VDC (24VDC nominal)
General Fire + Fault supervised	2, 350mA / 19.5-28VDC (24 VDC nominal)
General Fire + Fault relay	2
Aux	1 resetable, 500mA / 19.5-28VDC (24VDC nominal)
Cable type	Recommended 2 core 1.5 mm <sup>2</sup> twisted pair
End of Line resistor	15kohm
<b>Inputs</b>	
Programmable	2
Cable type	Recommended 2 core 1.5 mm <sup>2</sup> twisted pair
End of Line resistor	15kohm
Maximum Load	150 mA
<b>Loops</b>	
Outputs	2, 250 mA / 29VDC (29VDC to 36VDC )
Cable length	56ohm / 1µF max. 2 km
Cable type	Recommended 2 core 1.5 mm <sup>2</sup> twisted pair
<b>Environmental conditions</b>	
Storage temperature	-10°C to +50 °C
Operating temperature	-8°C to +42 °C
Relative humidity	max. 95 % (non-condensing)
<b>Mechanical</b>	
Size (W x D x H)	449.6 x 171.2 x 550 mm
Weight	7.4 kg (without batteries)
Color	RAL7035
Cable entries (Top / Bottom / Back)	18 (20mm) / 2 (20mm) / 2 removable plates
IP rating	IP30: for indoor use only

### Ordering Information

Part No.	Description
2X-F2-xx	Addressable Fire Panel with User Interface - 2 Loop
-xx	Language Codes
2X-ZI-20	
2X-ZI-40	
2X-LB	Addressable Fire Panel Accessory - Loop Expansion Board - 2 loop
2010-2-NB	Addressable Fire Panel Accessory - Network Printed Circuit Board
BS127N	Sealed Lead-Acid Battery - 12V 7.2Ah
BS130N	Sealed Lead-Acid Battery - 12V 12Ah
BS131N	Sealed Lead-Acid Battery - 12V 18Ah
2010-2-FTP-C30	Addressable Fire Panel Accessory - Cable FTP CAT5 - 3m
2010-2-USB-C30	Addressable Fire Panel Accessory - Cable USB A to B - 3m

