# 2X-F1-S

## Addressable Fire Panel - 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 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, 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




### Details

- 1 loop with up to 512 zones 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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## Technical specifications

### General

| | |
|---|---|
| Maximum system capacity (device count) | hasta 8192 |
| Network size (nodes) | hasta 64 |

### Electrical

| | |
|---|---|
| Power supply type | VAC |
| Operating voltage | 110/230 VAC (+10%/-15%), 50 / 60 Hz (±5%)<br>Cable type: 3 x 1.5 mm² (live, neutral, earth) |
| Current consumption | Nom. 0.6 / 1.3 A, Max. 1.5 / 3.15 A<br>2 / 4 A |

### Loop

| | |
|---|---|
| Maximum loop capacity | 1 |
| Type and rating | Recommended 2 core 1.5 mm² twisted pair (cable) |
| Cable rating | 52 ohm, 500 nF, max. 2 km |
| Outputs | 250 mA, 29 VDC (29 to 36 VDC) |

### Zone

| | |
|---|---|
| Maximum zone capacity | hasta 512 |

### Input

| | |
|---|---|
| Input type and rating | 150 mA (max. load); Recommended 2 core 1.5 mm² twisted pair (cable) |
| Programmable | 2 |
| Termination | 15 kohm (EOL resistor) |

### Output

| | |
|---|---|
| Output type and rating | Recommended 2 core 1.5 mm² twisted pair (cable) |
| Fire alarm signalling | 2 x General Fire + Fault relay |
| Auxilliary power | 1 resetable, 500 mA, 19.5 to 28 VDC (24 VDC nominal) |
| Programmable | 2, 750 mA, 19.5 to 28 VDC (24 VDC nominal) (supervised) |
| Termination | 15 kohm (EOL resistor) |
| General Fire + Fault supervised | 2, 350 mA, 19.5 to 28 VDC (24 VDC nominal) |

### Standby battery

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

### Physical

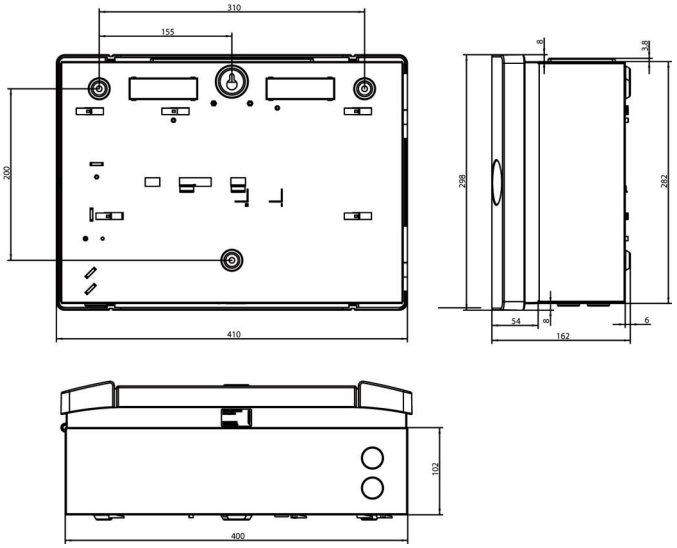
| | |
|---|---|
| Form factor | Lille |
| Physical dimensions | 410 x 298 x 162 mm (W x H x D) |
| Net weight | 5.2 kg (without battery) |
| Shipping weight | 10.1 kg |
| Colour | Gris (RAL 7035) |
| Mounting type | Montaje en Superficie |
| Cable entries | 9 (20 mm) / 2 (20 mm) / 2 removable plates (Top / Bottom / Back) |

### Environmental

| | |
|---|---|
| Operating temperature | -5 to +40°C |
| Storage temperature | -20 to +50°C |
| Relative humidity | 95% max. noncondensing |
| Environment | Indendør |
| IP rating | IP30: for indoor use only |

### Regulatory

| | |
|---|---|
| Compliancy | BS5839-1, CPD, LPCB, NBNS21-100, NEN2535, RoHS, WEEE |
| Certification | EN54-13, EN54-2, EN54-21, EN54-4, VdS |




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