

2X-F2-19

Addressable Fire Panel - 2 Loop - Turkish

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 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 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



Details

- 2 loops expandable to 4 with up to 512 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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Technical specifications

General

| | |
|--|-------------|
| Maximum system capacity (device count) | up to 16384 |
| Network size (nodes) | up to 64 |

Electrical

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

Loop

| | |
|-----------------------|--|
| Maximum loop capacity | 4 |
| Cable rating | 52 ohm, 500 nF, max. 2 km, Recommended 2 core 1.5 mm ² twisted pair (cable) |
| Outputs | 2250 mA, 29 VDC (29 to 36 VDC) |

Zone

| | |
|-----------------------|-----------|
| Maximum zone capacity | up to 512 |
|-----------------------|-----------|

Input

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

Output

| | |
|---------------------------------|---|
| Output type and rating | Recommended 2 core 1.5 mm ² 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 | 4, 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, 18 Ah (use supplied cables) |
|----------|--|

Physical

| | |
|---------------------|---|
| Form factor | Large |
| Physical dimensions | 450 x 550 x 171 mm (W x H x D) |
| Net weight | 7.4 kg (without battery) |
| Shipping weight | 10.1 kg |
| Colour | Grey (RAL 7035) |
| Mounting type | Surface mount |
| Cable entries | 18 (20 mm) / 2 (20 mm) / 2 removable plates (Top / Bottom / Back) |

Environmental

| | |
|-----------------------|---------------------------|
| Operating temperature | -8 to +42°C |
| Storage temperature | -10 to +50°C |
| Relative humidity | 95% max. noncondensing |
| Environment | Indoor |
| IP rating | IP30: for indoor use only |

Regulatory

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

