2X-AF2-FB

Addressable fire panel with fire brigade controls, 2 loop

Overview

The new 2X-A series life safety control systems bring the speed and functionality of high-end intelligent processing to small to mid-sized addressable applications. Based on 2X series learned experience and with complete backwards compatibility, the new 2X-A features an attractive contemporary design that fits with any decor. With improved robustness, manufactured in metal, special plastics and easy electronics removal, it allows painting in any colour. The main controls are easily located using an improved and robust jog dial.

With high power loop addressable detection, a full line of easily configured option cards and modules, as well as 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 High Power 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 High Power Loop board that brings the panel to up to 512 devices with 4 additional programmable outputs. Add a network board to create a maximum of 64 nodes / 256 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 seperate 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.

High loop power PAK available to increase the loop power from 500 mA to 800 mA.

Compatible with existing loop devices and network compatible with existing panels, repeaters (existing and new) and conventional panels.

Approvals & compliance

• CE / CPD / EN54-2 / EN54-4 / EN54-21
• WEEE / RoHS compliant



Detalles

- 2 High Power Loops expandable to 4 with 500mA per loop
- High loop power PAK to increase the loop power from 500mA to 800mA
- 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 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
- Improved Jog Dial with 4 soft buttons for simple and intuitive user control
- Aesthetic pleasing design with robust painted steel door
- Easy removable door and chassis for quick and clean installation
- All pluggable connectors
- Auxiliary 24 VDC supply output with reset support
- 3 USB ports with memory stick support and RS232 for printer support
- Communication via UltraSync cloud, using EN 54-21 UC240 UltraSync communicator
- Integration in management software ATS8600, allowing integration with security systems and CMS
- 3 operator level menu structure (20 usernames and passwords)
- Email notification for events directly from the panel (4 user accounts)
- History log memory for 9999 events

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Especificaciones técnicas

General

Interfaz usuario	Con controles de Bomberos
Capacidad máxima del sistema (número de dispositivos)	hasta 32512
Tamaño de la red (nodos)	hasta 64

Eléctrico

Tipo de fuente de alimentación	VAC
Voltaje de funcionamiento	110 / 240 VAC (+10%/-15%) Mains supply cable type: 3 x 1.5 mm² (live, neutral, earth)
Consumo de corriente	Nom. 0.6 / 1.3 A, Max. 1.5 A / 3.15 A

Lazo

Capacidad máxima del lazo	4
Tipo e índice	500 mA expandable to 800 mA at 37 VDC (28 to 37 VDC)
Ratio del cable	Recommended 2 core 1.5 mm² twisted pair ; 52 ohm / 500 nF ; max. 2 km

Zona

Máxima capacidad de zona	hasta 512

Entrada

Cantidad de entradas	2
Ratio y tipo de entrada	Supervised, maximum load 150 mA
Programable	2
Terminación	15 kohm

Salida

Señalización de alarma de incendios	350 mA / 21 to 28 VDC (24 VDC nominal)
Señalización de averías	350 mA / 21 to 28 VDC (24 VDC nominal)
Notificación	8 sounder outputs
Voltaje de supervisión	Supervised, 4, 750 mA / 21 to 28 VDC (24 VDC nominal)
Potencia auxiliar	1 resetable, 500 mA / 21 to 28 VDC (24 VDC nominal)
Programable	Up to 8 (2 per loop board) / 21 to 28 VDC (24 VDC nominal)
Terminación	15 kohm

Batería en reposo

Capacidad	Max. 2 x 12 V / 18 Ah (use supplied cables)
Cargando	27.3 V at 20ºC ; 36 mV/ºC
Umbral de aviso de batería baja	23.6 VDC ± 1% at 25ºC
Baterias soportadas en el alojamiento	Max. 2 x 12 V / 18 Ah (use supplied cables)

Físico

Factor de forma	Grande
Dimensiones físicas	446 x 536 x 164 mm (W x H x D)
Peso neto	7.4 kg (without battery)
Shipping weight	10.1 kg
Color	Blanco (RAL 9003)
Tipo de Montaje	Montaje en Superficie
Entradas de cable	18 (20 mm) / 2 (20 mm) / 2 removable plates (top / bottom / back)
Material	Acero (pintado)

Medioambiental

Temperatura de funcionamiento	-5 to +40°C
Temperatura de almacenamiento	-20 to +50°C
Humedad relativa	10 to 95% noncondensing
Entorno	Interior
Clasificación IP	IP30, indoor use only

Regulador

Cumplimiento	CPD, RoHS, WEEE
Certificación	EN54-13, EN54-2, EN54-21, EN54-4

Output

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

Loop

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

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