

2X-AT-F2

Addressable fire panel w touchscreen, 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.

This version of 2X-A panels includes a 7 inches touchscreen improving the user experience thanks to the more intuitive user interface.

The Panel

The fire panels supplied in local language, with user interface, 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

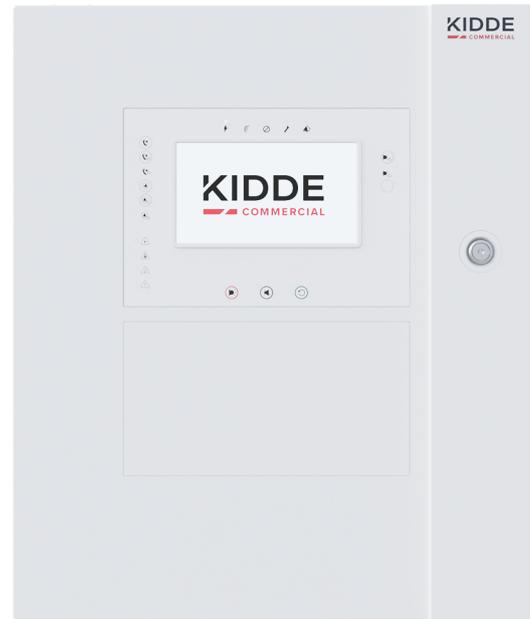
The panel supports an extra 2 High Power Loop board that brings the panel to up to 512 devices with 4 additional programmable outputs. Add a network board to create a maximum of 32 nodes / 32 loops network of fire panels and fire panel repeaters (including conventional fire panels and fire repeater panels 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.

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



Details

- 2 High Power Loops expandable to 4 with 500 mA per loop
- 7" touchscreen
- High loop power PAK to increase the loop power from 500 mA to 800 mA
- Up to 512 zones 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
- Up to 72 hours standby time and 30 minutes alarm
- 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)

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Especificações técnicas

Geral	
Interface utilizador	Sem controlo de bombeiros
Capacidade máxima de loop (quantidade de dispositivos)	até 32512
Dimensão de rede (nós)	até 64

Elétrica	
Tipo de fonte de alimentação	VAC
Tensão de operação	110 / 240 VAC (+10%/-15%) Cable type: 3 x 1.5 mm ² (live, neutral, earth)
Consumo de corrente	Nom. 0.6 / 1.3 A, Max. 1.5 A / 3.15 A

Loop	
Capacidade máxima de loop	4
Tipo e operação	500 mA expandable to 800 mA at 37 VDC (28 to 37 VDC)
Classificação do cabo	52 ohm, 500 nF, max. 2 km, Cable type: Recommended 2 core 1.5 mm ² twisted pair
Outputs	250 mA, 29 VDC (29 to 36 VDC)

Zona	
Capacidade máxima de zonas	até 512

Entrada	
Quantidade de entradas	2
Tipo de entrada e operação	Supervised, maximum load 150 mA
Programável	2
Terminação	15 kohm

Saída	
Sinalização de alarme de incêndio	350 mA / 21 to 28 VDC (24 VDC nominal)
Sinalização de falha	350 mA / 21 to 28 VDC (24 VDC nominal)
Notificação	8 sounder outputs
Tensão de supervisão	Supervised, 4, 750 mA / 21 to 28 VDC (24 VDC nominal)
Alimentação auxiliar	1 resetable, 500 mA / 21 to 28 VDC (24 VDC nominal)
Programável	Up to 8 (2 per loop board) / 21 to 28 VDC (24 VDC nominal)
Terminação	15 kohm

Bateria de standby	
Capacidade	Max. 2 x 12 V, 18 Ah (use supplied cables)
Carregamento	27.3 V at 20°C ; 36 mV/°C
Limiar de aviso de bateria baixa	23.6 VDC ± 1% at 25°C
Baterias suportadas pela caixa	Max. 2 x 12 V, 18 Ah (use supplied cables)

Físico	
Fator de forma	Grande
Dimensões físicas	446 x 536 x 164 mm (W x H x D)
Peso líquido	7.4 kg (without battery)
Peso do envio	10.1 kg
Cor	Branco (RAL 9003)
Tipo de montagem	Montagem em superfície
Entradas para cabos	18 (20 mm) / 2 (20 mm) / 2 removable plates (top / bottom / back)
Material	Aço (pintado)

Ambiental	
Temperatura de operação	-5 to +40°C
Temperatura de armazenamento	-20 to +50°C
Humidade relativa	10 to 95% noncondensing
Ambiente	Interior
Classificação IP	IP30, indoor use only

Regulamentação	
Conformidade	CPD, RoHS, WEEE
Certificação	EN54-13, EN54-2, EN54-21, EN54-4

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



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