2X-AT-F2

Painel de Incêndio com display táctil, 2 loops

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

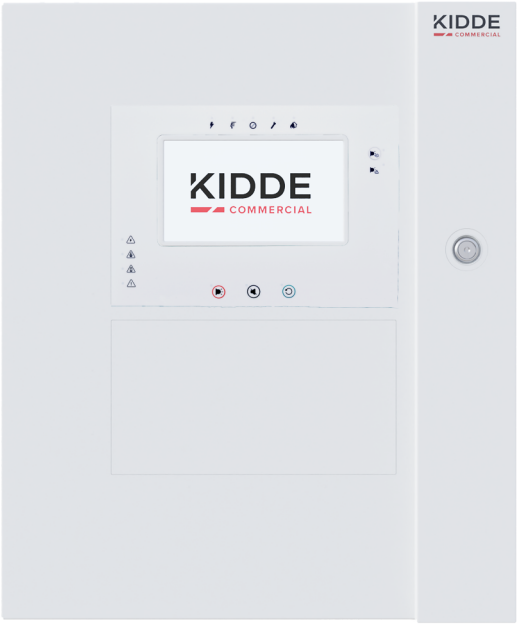
The panel supports an extra 2 High Power Loop board that brings the panel to up to 512 devices with 4 additional programmable outputs. Add a network board to create a maximum of 32 nodes / 32 loops network of fire panels and fire panel repeaters (including conventional fire panels and fire repeater panels up to a maximum of 64 conventional zones). Last but not least, in case 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



Detalhes

- 2 Loops de Alta Potência expansível a 4 com 500 mA por loop
- Display táctil de 7"
- PAK para aumentar potência de cada loop, de 500 mA para 800 mA
- Até 512 zonas e 300 grupos de saídas
- Até 40 LEDs indicadores de Fogo e Falha por zona com espaço para colocar texto
- Auto configuração, assistente de configuração e modos de definições regionais
- Porta Ethernet com TCP/IP para diagnósticos remotos, manutenção e programação
- LCD gráfico conforme EN54 com ícones e até 256 zonas
- Design moderno e robusto
- Porta e chassi de fácil remoção para uma instalação limpa
- Easy removable door and chassis for quick and clean installation
- Conectores de encaixe
- Até 72 horas em standby e 30 minutos em alarme
- Saída auxiliar de 24 VDC com reset
- 3 portas USB com suporte para PEN drive e RS232 para impressoras
- Comunicação via Cloud UltraSync. Necessita interface EN 54-21 UC240
- Suportado pelo software de gestão ATS8600, permitindo a integração com sistemas de segurança e CRA.
- 3 níveis de operador (20 nomes de utilizador e passwords)
- Notificações por email diretamente do painel (4 contas destino)
- Memória para 9999 eventos

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Especificações técnicas

General

User interface	Without fire Brigade controls
Maximum system capacity (device count)	up to 32512
Network size (nodes)	up to 64

Electrical

Power supply type	VAC
Operating voltage	110 / 240 VAC (+10%/-15%) Tipo de cabo: 3 x 1.5 mm² (fase, neutro, terrah)
Current consumption	Nom. 0.6 / 1.3 A, Max. 1.5 A / 3.15 A

Loop

Maximum loop capacity	4
Type and rating	500 mA expansível a 800 mA at 37 VDC (28 to 37 VDC)
Cable rating	52 ohm, 500 nF, max. 2 km, Tipo cabo: Recomenda-se 2 condutores 1.5 mm² torçado
Outputs	250 mA, 29 VDC (29 to 36 VDC)

Zone

Maximum zone capacity	up to 512

Input

Input quantity	2
Input type and rating	Supervisionada, carga máxima 150 mA
Programmable	2
Termination	15 kohm

Output

Fire alarm signalling	350 mA / 21 a 28 VDC (24 VDC nominal)
Fault signalling	350 mA / 21 a 28 VDC (24 VDC nominal)
Notification	8 saídas de sirene
Supervisory voltage	Supervisionada, 4, 750 mA / 21 to 28 VDC (24 VDC nominal)
Auxilliary power	1 com reset, 500 mA / 21 a 28 VDC (24 VDC nominal)
Programmable	Até 8 (2 por carta de loop) / 21 a 28 VDC (24 VDC nominal)
Termination	15 kohm
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 (utilizar cabos fornecidos)
Charging	27.3 V a 20ºC ; 36 mV/ºC
Low battery warning threshold	23.6 VDC ± 1% at 25ºC
Batteries supported in housing	Max. 2 x 12 V, 18 Ah (utilizar cabos fornecidos)

Physical

Form factor	Large
Physical dimensions	446 x 536 x 164 mm (L xA x P)
Net weight	7.4 kg (sem baterias)
Shipping weight	10.1 kg
Colour	White (RAL 9003)
Mounting type	Surface mount
Cable entries	18 (20 mm) / 2 (20 mm) / 2 placas removiveis (topo /fundo)tom / back)
Material	Steel (painted)

Environmental

Operating temperature	-5 a +40°C
Storage temperature	-20 a +50°C
Relative humidity	10 a 95% sem condensação
Environment	Indoor
IP rating	IP30, só utilização interior

Regulatory

Compliancy	CE, REACH, RoHS 3, WEEE
Certification	AEAI, BOSEC, CPR

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