

2X-AF1-21 Addressable fire panel, 1 loop, portuguese

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 1 High Power 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 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



Details

- 1 High Power Loop with 500 mA per loop
- 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
- 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
- Backwards compatible, supporting site retrofit/upgrades, expansions, replacement

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Technical specifications

Maximum system up to 32512 capacity (device count) Network size (nodes) up to 64 Electrical Power supply type VAC Operating voltage 110 / 240 VAC (+10%/-15%) Mains supply cable type: 3 x 1.5 mm² (live, neutral, earth) Current consumption Nom. 0.6 / 1.3 A, Max. 1.5 A / 3.15 A Loop Maximum loop capacity 1 Type and rating 500 mA expandable to 800 mA at 37 VDC (28 tr 37 VDC) Cable rating Recommended 2 core 1.5 mm² twisted pair ; 52 ohm / 500 nF ; max. 2 km Zone Maximum zone capacity up to 512 Input Input quantity 2 Input type and rating Supervised, maximum load 150 mA Programmable 2 Termination 15 kohm Output Fire alarm signalling 350 mA / 21 to 28 VDC (24 VDC nominal) Fault signalling 350 mA / 21 to 28 VDC (24 VDC nominal) Notification 8 sounder outputs Supervised, 4, 750 mA / 21 to 28 VDC (24 VDC nominal) Auxilliary power 1 resetable, 500 mA / 21 to 28 VDC (24 VDC nominal) Programmable 15 kohm Supervised, 4, 750 mA / 21 to 28 VDC (24 VDC nominal) Auxilliary power 1 resetable, 500 mA / 21 to 28 VDC (24 VDC nominal) Auxilliary power 1 resetable, 500 mA / 21 to 28 VDC (24 VDC nominal) Auxilliary power 1 resetable, 500 mA / 21 to 28 VDC (24 VDC nominal) Programmable Up to 8 (2 per loop board) / 21 to 28 VDC (24 VDC nominal) Termination 15 kohm Standby battery Capacity Max. 2 x 12 V / 18 Ah (use supplied cables) Charging 27.3 V at 20°C ; 36 mV/°C Low battery warning 23.6 VDC ± 1% at 25°C threshold Batteries supported in Max. 2 x 12 V / 18 Ah (use supplied cables)	User interface	Without fire Brigade controls
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Low battery warning23.6 VDC ± 1% at 25°CthresholdBatteries supported inMax. 2 x 12 V / 18 Ah (use supplied cables)		Max. 2 x 12 V / 18 Ah (use supplied cables)
threshold Batteries supported in Max. 2 x 12 V / 18 Ah (use supplied cables)	Charging	27.3 V at 20ºC ; 36 mV/ºC
		23.6 VDC ± 1% at 25°C
	Batteries supported in housing	Max. 2 x 12 V / 18 Ah (use supplied cables)

Form factor	Large
Physical dimensions	446 x 536 x 164 mm (W x H x D)
Net weight	7.4 kg (without battery)
Shipping weight	10.1 kg
Colour	White (RAL 9003)
Mounting type	Surface mount
Cable entries	18 (20 mm) / 2 (20 mm) / 2 removable plates (top / bottom / back)
Material	Steel (painted)
Environmental	
Operating temperature	-5 to +40°C
Storage temperature	-20 to +50°C
Relative humidity	10 to 95% noncondensing
Environment	Indoor
IP rating	IP30, indoor use only
Regulatory	
Compliancy	CPD, RoHS, WEEE
Compliancy	



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