# 1X-X3E-09

## Enhanced Conventional Fire and Extinguishing Panel - 3 Zone - Spanish

### Overview

1X fire control panels offer state of the art architecture in configurations that deliver an uncomplicated solution for small to mid-sized conventional applications. They feature an attractive contemporary design that fits with any decor. The gently curved door front offers a distinctive flair. Operator controls are inset in a striking black lexan.

With support for multiple lines of conventional detectors and accessories, these quick-to-configure systems offer versatility that benefits building owners and installation/maintenance companies alike.

### The Panel

The 1X-X3E is a networkable, enhanced conventional fire alarm and extinguishing control panel. It is supplied in local language with 3 fire zones that support up to 32 devices per zone. These zones may be configured for extinguishing in single zone or double zone configuration in any combination of zones. In addition the panel offers supervised outputs for first stage notification, second stage notification as well as optical warning indicators and actuator activation. Standard relay outputs are provided for EN54 compliance and system status notification, as well as multiple inputs for system control.

### Options

The panels support 2 types of auxiliary relay boards, one with 4 standard relays, and one with 4 supervised relays. With these boards the panel outputs may be expanded with up to 16 additional outputs.

The 1X-X3E supports class A (redundant ring) and B (standard bus) networking with up to 32 nodes including conventional and addressable panels and repeaters via an optional network interface. This allows full remote control and inputs to and from other nodes in the system, providing superior flexibility in system organisation and planning.

### Approvals & Compliance

The product line carries the following accreditations:

• EN54:2, EN54:4 and CE approved
• CPR certified
• EN12094-1 certified

• WEEE compliant
• RoHS compliant



### Details

- Modern, elegant design
- Easy removable parts for quick and easy installation
- Normal & head-out supervision support per zone
- Three detection zones
- Single zone, double zone or any combination of zones configurable for release
- 6 Pre-configured relays and 8 supervised inputs for extinguishing control
- Configurable fire routing, sounder, extinguishing, reset and door monitoring delays
- Configurable "Hold Mode" type-A or type-B
- Sounders configurable for pulsing or continuous operation
- Extinguishing agent flow confirmation
- Continuous or resetable 24 VDC auxiliary supply
- Auxiliary standard & supervised relay output support
- Default support for special functions such as: - EN54 compliant user access levels - Basic & Advanced level configuration - mixed zones - front panel diagnostics with test & disable control - one-man walk test
- Redundant networking to 1X conventional and 2X addressable nodes
- Instrinsically safe and EN54-13 zone support

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## Technical specifications

### General

| | |
|---|---|
| Maximum system capacity (device count) | até 1260 |
| Network size (nodes) | até 21 |

### Electrical

| | |
|---|---|
| Power supply type | VAC |
| Power consumption | 4 A @ 24 VDC |
| Operating voltage | 110 VAC @ 50 Hz or 230 VAC @ 50 Hz (+10% -15%)<br>Cable type: 3 x 1.5 mm² (live, neutral, earth) |
| Current consumption | 3.15 A @ 110/1.5 A @ 240 VAC<br>2.78 A (Alarm, no devices)<br>0.39 A (Quiescent, no devices) |

### Loop

| | |
|---|---|
| Maximum loop capacity | 3 |

### Zone

| | |
|---|---|
| Maximum zone capacity | até 3 |
| Quantity of devices per zone | 20 max. |
| Rating | 65 mA (max. Load) |
| Cable rating | 40 ohm (max.), 500 nF (max.) |
| Output voltage | 22 VDC (18 to 24 VDC) |

### Standby battery

| | |
|---|---|
| Capacity | 2 x 12 V, 12 Ah (SLA) |

### Physical

| | |
|---|---|
| Form factor | Medium |
| Physical dimensions | 440 x 480 x 140 mm (W x H x D) |
| Net weight | 3.9 kg (without battery) |
| Shipping weight | 6 kg |
| Colour | Cinzento (RAL 7035) |
| Mounting type | Montagem em superfície |
| Cable entries | Ø 20 mm - 20 / 2 / 26 (top / bottom / rear) |

### Environmental

| | |
|---|---|
| Operating temperature | -5 to +40°C |
| Storage temperature | -20 to +70°C |
| Relative humidity | 10 to 95% noncondensing |
| Environment | Indendør |
| IP rating | IP30 |

### Regulatory

| | |
|---|---|
| Compliancy | CPD, RoHS, WEEE |
| Certification | EN12094-1, EN54-2, EN54-4 |

### Supervised Input

| | |
|---|---|
| | 6 |
| Use | MCP Start, MCP Hold, MCP Abort, Pressure Switch, Gas Flow, Door Monitor |

### Non Supervised Input

| | |
|---|---|
| | 2 |
| Use | Auto/Manual mode, Remote Reset |

### Supervised Output

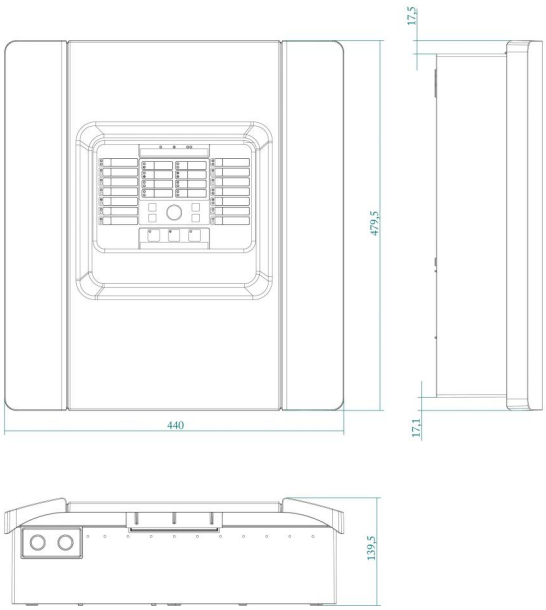
| | |
|---|---|
| | 4 |
| Use | Fire Sounders, Extinguishing Sounders, Optical Indications, Actuator |
| Notification | 2 x 500 mA @ 24 VDC |
| Visual indictors | 1 x 500 mA @ 24 VDC |
| Actuator | 1 x 1 A @ 24 VDC |

### Non Supervised Output

| | |
|---|---|
| | 4 |
| Use | Hold Mode, Abort Mode, Manual Mode, Release Indication |
| Specification | 6 x 2 A @ 30 V |

### Auxilliary Supply Output

| | |
|---|---|
| Output voltage | 24 VDC (21 to 28 VDC) |
| Load (max.) | 250 mA |

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