

# 1X-X3-32

## Conventional Fire and Extinguishing Panel - 3 Zone - French Belgian

### 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-X3 is a 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.

### Approvals & Compliance

The product line carries the following accreditations:

- EN54:2, EN54:4 and CE approved
- CPD certified
- EN12094-1 certified
- WEEE compliant
- RoHS compliant



### Dettagli

- 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 resettable 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

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### Specifiche tecniche

#### Generale

Capacità massima del sistema (conteggio dispositivi) up to 96

#### Elettrico

Tipo di alimentatore VAC  
Tensione di esercizio 110 VAC @ 50 Hz or 230 VAC @ 50 Hz (+10% -15%)  
Consumo attuale 3.15 A @ 110/1.5 A @ 240 VAC

#### Ciclo continuo

Capacità massima loop 3

#### Zona

Capacità massima zone fino a 3  
Quantità dispositivi per zona 20 max.

#### Standby batteria

Capacità 2 x 12V 12 Ah (SLA)

#### Fisico

Fattore di forma Medio  
Dimensioni fisiche 440 x 480 x 140 mm (W x H x D)  
Peso netto 3.9 kg (without battery)  
Peso spedizione 6 kg  
Colore Grigio (RAL 7035)  
Mounting type Montaggio a superficie  
Cavo di entrata Ø 20 mm - 20 / 2 / 26 (top / bottom / rear)

#### Ambientale

Temperatura operativa -5 to +50°C  
Temperatura di immagazzinamento -20 to +70°C  
Umidità relativa 10 to 95% noncondensing  
Ambiente Interno  
IP rating IP30

#### Regolatorio

Compliance CPD, RoHS, WEEE  
Certification EN12094-1, EN54-13, EN54-2, EN54-4

#### Input Supply

Cable specification 3 x 1.5 mm<sup>2</sup> (live, neutral, earth)

#### Panel Supply

4A @ 24 VDC  
Quiescent current (no devices) 0.39 A  
Alarm current (no devices) 2.78 A

#### Zones

3  
Output voltage 22 VDC (18-24 VDC)  
Load (max) 65 mA  
Cable resistance (max) 40 ohm  
Cable capacitance (max) 500 nF  
Devices per zone (max) 20

#### Supervised Inputs

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

#### Non Supervised Inputs

2  
Use Auto/Manual mode, Remote Reset

#### Supervised Outputs

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

#### Non Supervised Outputs

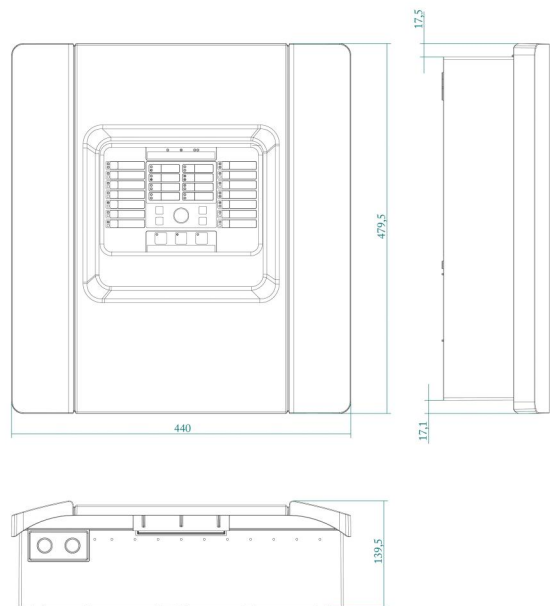
4  
Use Hold Mode, Abort Mode, Manual Mode, Release Indication

#### Auxilliary Supply Output

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

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