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

Einzelheiten

- 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

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Technische Spezifikationen

Allgemein

Maximale Systemkapazität (Anzahl der Geräte)	bis zu 96

Elektrische Angaben

Netzteil	VAC
Betriebsspannung	110 VAC @ 50 Hz or 230 VAC @ 50 Hz (+10% -15%)
Aktueller Verbrauch	3.15 A @ 110/1.5 A @ 240 VAC

Schleife

Maximale Ringkapazität	3

Zoniert

Maximale Meldergruppenkapazität	bis zu 3
Anzahl der Geräte pro Bereich	20 max.

Standby Batterie

Kapazität	2 x 12V 12 Ah (SLA)

Physikalisch

Formfaktor	Mittel
Abmessungen	440 x 480 x 140 mm (W x H x D)
Nettogewicht	3.9 kg (without battery)
Liefergewicht	6 kg
Farbe	Grau (RAL 7035)
Montage	Oberflächenmontage
Kabeleinführungen	Ø 20 mm - 20 / 2 / 26 (top / bottom / rear)

Umweltbedingungen

Betriebstemperatur	-5 to +50°C
Lagertemperatur	-20 to +70°C
Relative Luftfeuchtigkeit	10 to 95% noncondensing
Umgebung	Drinnen
IP Klassifizierung	IP30

Regulativ

Kompatibilität	CPD, RoHS, WEEE
Zertifizierung	EN12094-1, EN54-13, EN54-2, EN54-4

Input Supply

Cable specification	3 x 1.5 mm² (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

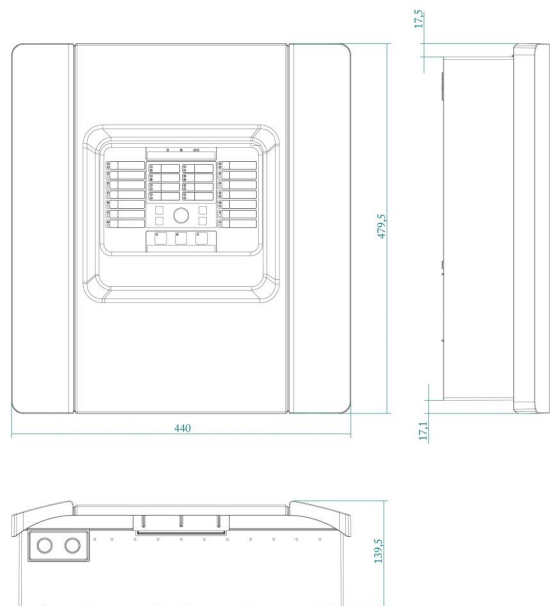|	
	4
Use	Fire Sounders, Extinguishing Sounders, Optical Indications, Actuator
Notification	2 x 500 mA @ 24 VDC
Visual indictors	1 x 500 mA @ 24 VDC
Actuator	1 x 1A @ 24 VDC

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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