

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 midsized 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



Detalhes

- 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

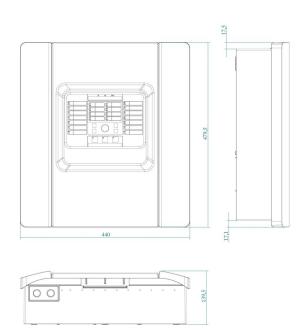
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Especificações técnicas

Geral	
Capacidade máxima de loop (quantidade de	até 96
dispositivos)	
Elétrica	
Tipo de fonte de alimentação	VAC
Tensão de operação	110 VAC @ 50 Hz or 230 VAC @ 50 Hz (+10% -15%)
Consumo de corrente	3.15 A @ 110/1.5 A @ 240 VAC
Loop	
Capacidade máxima de loop	3
Zona	
Capacidade máxima de zonas	até 3
Quantidade de dispositivos por zona	20 max.
Bateria de standby	
Capacidade	2 x 12V 12 Ah (SLA)
Físico	
Fator de forma	Média
Dimensões físicas	440 x 480 x 140 mm (W x H x D)
Peso líquido	3.9 kg (without battery)
Peso do envio	6 kg
Cor	Cinzento (RAL 7035)
Tipo de montagem	Montagem em superfície
Entradas para cabos	Ø 20 mm - 20 / 2 / 26 (top / bottom / rear)
Ambiental	
Temperatura de operação	-5 to +50°C
Temperatura de armazenamento	-20 to +70°C
Humidade relativa	10 to 95% noncondensing
Ambiente	Interior
Classificação IP	IP30
Regulamentação	
Conformidade	CPD, RoHS, WEEE
Certificação	EN12094-1, EN54-13, EN54-2, EN54-4
Input Supply	
Cable specification	3 x 1.5 mm ² (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 (ma	x) 40 ohm
Cable capacitance (m	nax) 500 nF
Devices per zone (ma	ax) 20
Supervised Input	ts
	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 Outp	uts
	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	v Output
Output voltage	24 VDC (21-28 VDC)
Load (max)	250 mA
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