



Product Data Sheet

1X-X3-xx

Conventional Fire and Extinguishing Panel with User Interface - 3 Zone

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



Standard Features

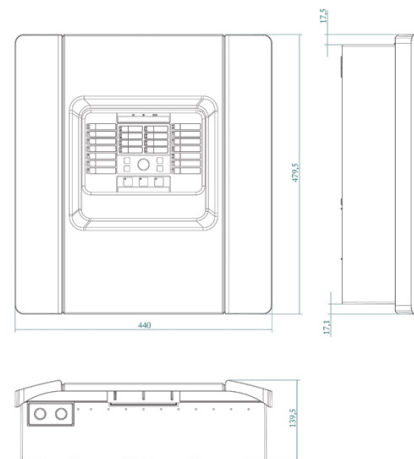
- Modern, elegant design
- Easy removable parts for quick and easy installation
- Normal & head-out supervision support per zone
- Three detection zones
- Single zone, double zone or any combination of zones configurable for release
- 6 Pre-configured relays and 8 supervised inputs for extinguishing 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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Specifications

Input Supply	110 VAC/60 Hz or 240 VAC/50 Hz
Tolerance	+10% / -15%
Current consumption (max)	3.15 A @ 110/1.5 A @ 240 VAC
Cable specification	3 x 1.5 mm ² (live, neutral, earth)
Batteries	2 x 12V 12 Ah (SLA)
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
Specification	6 x 2 A @ 30 V
Auxiliary Supply Output	
Output voltage	24 VDC (21-28 VDC)
Load (max)	250 mA
Environmental	
Storage temperature	-20 to +70°C
Operating temperature	-5 to +50°C
Relative humidity (noncondensing)	10 to 95%
IP Rating	IP30
Mechanical	
Size (h x w x d)	480 x 440 x 140 mm
Weight (without batteries)	3.9 kg
Colour	RAL7035
Cable entry (top / bottom / rear)	Ø 20 mm - 20 / 2 / 26



Ordering Information

Part No.	Description
1X-X3-xx	Conventional Fire and Extinguishing Panel with User Interface - 3 Zone
-xx	Replace by the applicable language code (check with your local UTC Fire & Security equipment supplier)
2010-1-RB	Conventional Fire Panel Accessory - Relay Board - Unsupervised
2010-1-SB	Conventional Fire Panel Accessory - Relay Board - Supervised
BS131N	Sealed Lead-Acid Battery - 12V 18Ah - VdS approved

