

1X-F2 Conventional fire panel, 2 zone

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-F2 is a conventional fire alarm control panel. It is supplied in local language with 2 zones that support up to 32 devices per zone, as well as up to 2 supervised relay outputs dedicated to sounder control. In addition 2 conventional relay outputs dedicated to common fire and fault conditions, as well as two user configurable inputs for monitoring and control are available.

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 8 additional outputs.

Approvals & Compliance

The product line carries the following accreditations:

- EN54:2, EN54:4 and CE approved
- CPD certified
- NEN2535, NBNS21-100 and BS5839-1 compliant
- WEEE compliant
- RoHS compliant

Type class conditions: 3K5 of IEC 60721-3-3



Details

- Modern, elegant design
- Easy removable parts for quick and clean installation
- Default regional setup modes
- · Normal, head-out & intrinsically safe zone support
- Supervised alarm notification outputs
- EN54 compliant potential free fire & fault relays
- Class change, day/night & remote reset facilities
- Auxiliary 24 VDC supply output with reset support
- Default support for special functions such as: EN54 compliant user access levels - mixed zones - full front panel diagnostics - one-man walk test - CleanMeTM
- · Auxiliary standard & supervised relay output boards
- Networkable up to 64 zones

1X-F2 Conventional fire panel, 2 zone

Technical specifications

Maximum system	up to 1280
capacity (device count)	
Network size (nodes)	up to 32
Electrical	
Power supply type	VAC
Power consumption	2 A @ 24 VDC
Operating voltage	110 VAC @ 50 Hz or 230 VAC @ 50 Hz (+10%
operating voltage	-15%)
	Cable type: $3 \times 1.5 \text{ mm}^2$ (live, neutral, earth)
Current consumption	2 A @ 110/240 VAC
	130 mA (alarm, no devices) (panel supply)
	50 mA (quiescent, no devices) (panel supply)
Loop	
Maximum loop capacity	2
Zone	
Maximum zone capacity	up to 2
Operating voltage	22 VDC (18 to 24 VDC)
Quantity of devices per	32 max.
zone	
Rating	65 mA (max. Load)
Cable rating	40 ohm (max cable resistance), 500 nF (max $% \lambda =0.01$
	cable capacitance)
Input	
Input quantity	2
Input type and rating	100 ohm (max. cable resistance)
Output	
Supervisory voltage	-15 to +28 VDC
Auxilliary power	24 VDC (21 to 28 VDC)
Supervised Outputs	2
Load (max.)	250 mA
Non Supervised Outputs	2
Load	2 A @ 30 VDC
Standby battery	
Standby battery Capacity	2 x 12 V, 7.2 Ah (SLA)
Physical	
Form factor	Small
Physical dimensions	320 x 435 x 134 mm (W x H x D)
Net weight	2.8 kg (without battery)
Shipping weight	4.5 kg
Colour	Grey (RAL 7035)
Mounting type	Surface mount
Cable entries	Ø 20 mm - 14 / 2 / 12 (top / bottom / rear)

Environmental

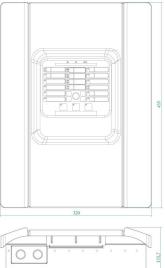
Operating temperature	-5 to +50°C
Storage temperature	-20 to +70°C
Relative humidity	10 to 95% noncondensing
Environment	Indoor
IP rating	IP30

Regulatory

Compliancy	CPD, RoHS, WEEE
Certification	EN54-13, EN54-2, EN54-4

Auxilliary Supply Output

Load (max.)	250 mA @ 25°C / 195 mA @ 40°C
-------------	-------------------------------









As a company of innovation, Carrier Fire & Security reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.