Product Data Sheet

1X-F2-xx

Conventional Fire Panel with User Interface - 2 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-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

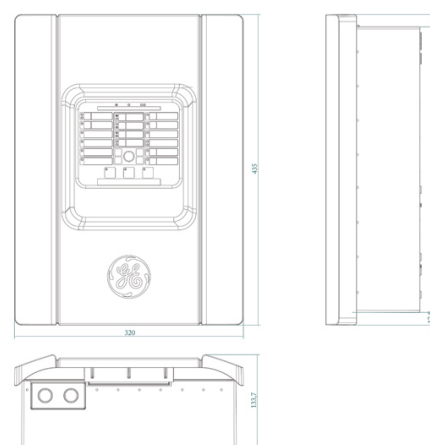Type class conditions: 3K5 of IEC 60721-3-3

Standard Features

- Modern, elegant design
- Easy removable parts for quick and clean installation
- Default regional setup modes
- Normal & head-out zone support
- Supervised alarm notification outputs
- EN54 compliant potential free fire & fault relays
- Class change, day/night & remote reset facilities
- Auxiliary 24VDC 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
  - supervised sounder equipment
  - CleanMe™

- Auxiliary standard & supervised relay output boards

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Specifications

Input Supply	110 VAC/60 Hz or 240 VAC/50 Hz
Tolerance	+10% / -15%
Current consumption (max)	2A @ 110/240 VAC
Cable specification	3 x 1.5 mm² (live, neutral, earth)
Batteries	2 x 12V - 7.2 Ah (SLA)
Panel Supply	2A @ 24 VDC
Quiescent current (no devices)	50 mA
Alarm current (no devices)	130 mA
Zones	2
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)	32
Inputs	2
Cable resistance (max)	100 ohm
Supervised Outputs	2
Output voltage	-15 to +28 VDC
Load (max)	250 mA
Non Supervised Outputs	2
Load	2 A @ 30 VDC
Auxilliary Supply Output	
Output voltage	24 VDC (21 to 28 VDC)
Load (max)	250 mA @ 25°C / 195 mA @ 40°C
Environmental	
Storage temperature	-20 to +70°C
Operating temperature	-5 to +40°C
Relative humidity (noncondensing)	10 to 95%
IP Rating	IP30
Mechanical	
Size (h x w x d)	435 x 320 x 134 mm
Weight (without batteries)	2.8 kg
Colour	RAL7035
Cable entry (top / bottom / rear)	Ø 20 mm - 14 / 2 / 12

Ordering Information

Part No.	Description
1X-F2-xx	Conventional Fire Panel with User Interface - 2 Zone
1X-F2-SC-xx	Conventional Fire Panel with User Interface with Scandinavian Key - 2 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
BS127N	Sealed Lead-Acid Battery - 12V 7.2Ah - VdS approved

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