



1X-F2-SC-xx

Conventional Fire Panel with User Interface with Scandinavian Key - 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-SC is a conventional fire alarm control panel with Scandinavian key support. 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 & intrinsically safe 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
 - CleanMe™
- Auxiliary standard & supervised relay output boards
- Networkable up to 64 zones

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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 mm ² (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 +50°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 |

* Special conditions apply

Ordering Information

| Part No. | Description |
|-------------|--|
| 1X-F2-SC-xx | Conventional Fire Panel with User Interface with Scandinavian Key - 2 Zone |
| 1X-F2-xx | Conventional Fire Panel with User Interface - 2 Zone |
| -xx | Language Codes |
| 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 |

