# 1X-F8

## Conventional fire panel, 8 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-F8 is a conventional fire alarm control panel. It is supplied in local language with 8 zones that support up to 32 devices per zone, as well as up to 4 supervised relay outputs dedicated to sounder control and fire routing. 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 16 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 & fire protection outputs
- EN54 compliant potential free fire & fault relays
- Class change, day/night, remote reset, extended fire routing delay & fire routing inhibit delay 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 - CleanMe™
- Auxiliary standard & supervised relay output boards
- Networkable up to 64 zones

# 1X-F8

## Conventional fire panel, 8 zone

## Technical specifications

### General

| | |
|---|---|
| Maximum system capacity (device count) | up to 1280 |
| Network size (nodes) | up to 8 |

### Electrical

| | |
|---|---|
| Power supply type | VAC |
| Power consumption | 4 A @ 24 VDC |
| Operating voltage | 110 VAC @ 50 Hz or 230 VAC @ 50 Hz (-15% to +10%)<br>Cable type: 3 x 1.5 mm² (live, neutral, earth) |
| Current consumption | 3.15 A @ 110, <1.5 A @ 240 VAC<br>160 mA (alarm, no devices) (panel supply)<br>80 mA (quiescent, no devices) (panel supply) |

### Loop

| | |
|---|---|
| Maximum loop capacity | 8 |

### Zone

| | |
|---|---|
| Maximum zone capacity | up to 8 |
| Operating voltage | 22 VDC (18 to 24 VDC) |
| Quantity of devices per zone | 32 max. |
| Rating | 65 mA (max. Load) |
| Cable rating | 40 ohm (max. resistance), 500 nF (max. 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) output voltage |
| Supervised Outputs | 4 |
| Load (max.) | 500 mA |
| Non Supervised Outputs | 2 |
| Load | 2 A @ 30 VDC |

### Standby battery

| | |
|---|---|
| Capacity | 2 x 12 V, 7.2 or 12 Ah (SLA) |

### Physical

| | |
|---|---|
| Form factor | Medium |
| Physical dimensions | 440 x 480 x 140 mm (W x H x D) |
| Net weight | 3.9 kg (without battery) |
| Shipping weight | 6.184 kg |
| Colour | Grey (RAL 7035) |
| Mounting type | Surface mount |
| Cable entries | Ø 20 mm - 20 / 2 / 26 (top / bottom / rear) |

### Environmental

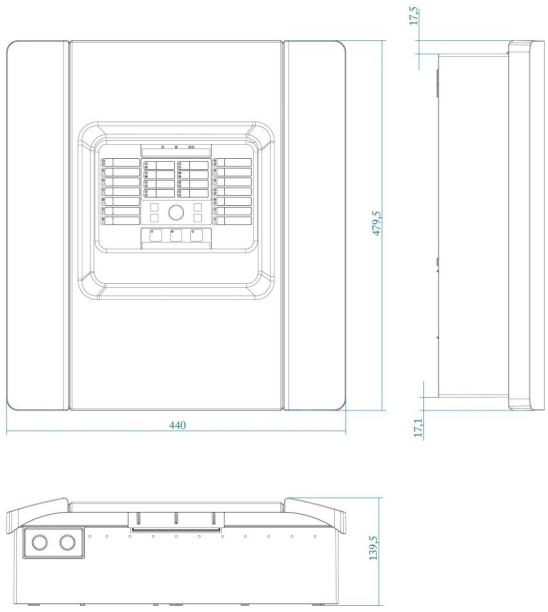
| | |
|---|---|
| Operating temperature | -5 to +50°C |
| Storage temperature | -20 to +70°C |
| Relative humidity | 10 to 95% noncondensing |
| Environment | Indoor |
| IP rating | IP30 |

### 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 |




KIDDE COMMERCIAL

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

Last updated on 6 October 2026 - 16:04