



## ZP1-F8-xx

Conventional Fire Panel with User Interface - 8 Zone

### Overview

ZP1 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 blue 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 ZP1-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



### 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 & 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 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
- Auxiliary standard & supervised relay output boards
- Networkable up to 64 zones

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### Specifications

|                                   |  |
|-----------------------------------|--|
| <b>Input Supply</b>               | 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 <sup>2</sup> (live, neutral, earth) |
| <b>Batteries</b>                  | 2 x 12V - 7.2 or 12 Ah (SLA)                   |
| <b>Panel Supply</b>               | 4A @ 24 VDC                                    |
| Quiescent current (no devices)    | 80 mA  |
| Alarm current (no devices)        | 160 mA   |
| <b>Zones</b>                      | 8  |
| 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   |
| <b>Inputs</b>                     | 2  |
| Cable resistance (max)            | 100 ohm  |
| <b>Supervised Outputs</b>         | 4  |
| Output voltage                    | -15 to +28 VDC                                 |
| Load (max)                        | 500 mA   |
| <b>Non Supervised Outputs</b>     | 2  |
| Load                              | 2 A @ 30 VDC                                   |
| <b>Auxilliary Supply Output</b>   |  |
| Output voltage                    | 24 VDC (21 to 28 VDC)                          |
| Load (max)                        | 250 mA @ 25°C / 195 mA @ 40°C                  |
| <b>Environmental</b>              |  |
| Storage temperature               | -20 to +70°C                                   |
| Operating temperature             | -5 to +50°C                                    |
| Relative humidity (noncondensing) | 10 to 95%                                      |
| IP Rating                         | IP30   |
| <b>Mechanical</b>                 |  |
| 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  |
|--------------|--|
| ZP1-F8-xx    | Conventional Fire Panel with User Interface - 8 Zone                       |
| ZP1-F8-SC-xx | Conventional Fire Panel with User Interface with Scandinavian Key - 8 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                                       |
| BS130N       | Sealed Lead-Acid Battery - 12V 12Ah  |

