



Product Data Sheet

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

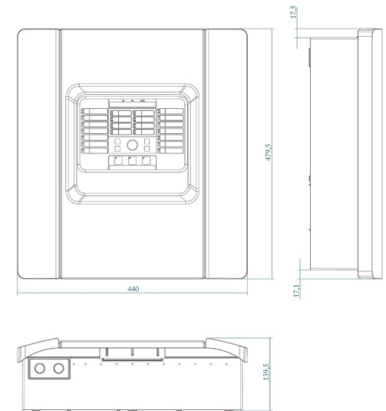
- Modern, elegant design
- Easy removable parts for quick and clean installation
- Default regional setup modes
- Normal, head-out & intrinsically safe zone support
- Supervised alarm notification & fire protection outputs
- EN54 compliant potential free fire & fault relays
- Class change, day/night, 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

Input Supply	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 ² (live, neutral, earth)
Batteries	2 x 12V - 7.2 or 12 Ah (SLA)
Panel Supply	4A @ 24 VDC
Quiescent current (no devices)	80 mA
Alarm current (no devices)	160 mA
Zones	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
Inputs	2
Cable resistance (max)	100 ohm
Supervised Outputs	4
Output voltage	-15 to +28 VDC
Load (max)	500 mA
Non Supervised Outputs	2
Load	2 A @ 30 VDC
Auxiliary 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)	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	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
BS130N	Sealed Lead-Acid Battery - 12V 12Ah - VdS approved

As a company of innovation, UTC Fire & Security reserves the right to change product specifications without notice. For the latest product specifications, visit [UTC Fire & Security online](#) or contact your sales representative.