Product data sheet

ZP1-F2-09

Conventional Fire Panel - 2 Zone - Spanish

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-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

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

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Technical specifications

General

Maximum system capacity (device count)	up to 2048
Network size (nodes)	up to 32

Electrical

Power supply type	VAC
Operating voltage	110 VAC @ 50 Hz or 230 VAC @ 50 Hz (+10% -15%)
Current consumption	2 A @ 110/240 VAC

Loop

Maximum loop capacity	2

Zone

Maximum zone capacity	up to 2
Quantity of devices per zone	32 max.

Standby battery

Capacity	2 x 12V - 7.2 Ah (SLA)

Physical

Form factor	Small
Physical dimensions	320 x 435 x 134 mm (W x H x D)
Net weight	2.8 kg (without battery)
Shipping weight	4.5 kg
Colour	Grey (RAL 7035)
Mounting type	Surface mount
Cable entries	Ø 20 mm - 14 / 2 / 12 (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

Standards & regulation

Certification	EN54-13, EN54-2, EN54-4
Environmental	CPD WEEE RoHS

Input Supply

Cable specification	3 x 1.5 mm² (live, neutral, earth)

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

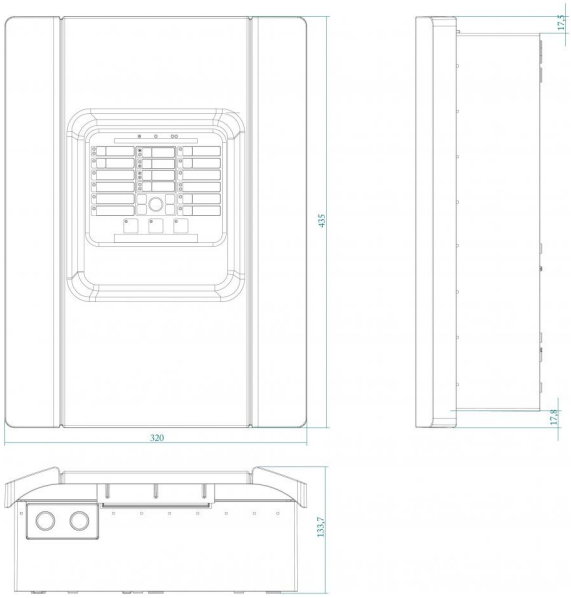
	2
Output voltage	-15 to +28 VDC
Load (max)	250 mA

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



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