ZP2-F2-PRT-99

Addressable Fire Panel with Printer - 2 Loop - English UK

Overview

The ZP2 Series life safety control systems are bringing the speed and functionality of high-end intelligent processing to small to mid-sized addressable applications. They feature an attractive contemporary design that fits with any decor. Special plastics allows for painting in any color and the easy to remove electronics will support in this matter. The gently lined door with the intuitive light blue inset user interface and EN54 compliant graphical LCD offers a distinctive flair. The main controls are clearly, but discreetly highlighted with the focus on the central located Jog Dial. With the addressable detection and a full line of easily configured option cards and modules, USB and Ethernet® connectivity, these quick-to-configure systems offer versatility that benefits building owners and life safety system installers alike.

The Panel

The fire panels supplied in local language, with user interface, with 2 loops that supports up to 256 devices in 512 zones, have standard 4 supervised sounder/fire-routing outputs, which can be used as freely programmable outputs as well. In addition 2 conventional relay outputs and 2 supervised outputs, working in pair and dedicated to common fire and fault conditions, as well as 2 user configurable inputs for monitoring and control are available. The build-in printer allows for printing live panel events or reports.

Options

The panel supports an extra 2 loop board that brings the panel to up to 512 zones with 4 additional programmable outputs. Add a network board to create a maximum of 32 nodes / 32 loops network of fire panels and fire panel repeaters (including conventional fire panels and fire repeater panels up to a maximum of 64 conventional zones). Last but not least, in case seperate zone indications are required, a 20 or a 40 zone fire/fault LED indicator board can be mounted in the panel or repeater with ample space for custom text.

Approvals & Compliance

- CE / CPD / EN54-2 / EN54-4 / EN54-21
- NEN2535 / NBNS21-100 compliant
- BS5839-1 compliant
- VdS and LPCB certified
- WEEE / RoHS compliant

Details

- Build-in thermal printer with paper replacement from the front
- 2 loops expandable to 4 with up to 512 zones and 300 outputgroups
- Up to 40 LED Zone indicators for Fire and Fault with ample text space
- Auto configuration, setup wizards and default regional setup modes
- Ethernet port with TCP/IP for remote diagnostics, maintenance and programming
- EN54 compliant graphical LCD with icons and up to 256 zones
- Jog Dail with 4 soft buttons for simple and intuitive user control
- Aesthetic pleasing design with special paintable synthetic door
- Easy removable door and chassis for quick and clean installation
- All pluggable connectors
- 3 USB ports with memory stick support and RS232 for printer support
- Email notification for events directly from the panel (4 user accounts)
- Auxiliary 24VDC supply output with reset support
- 3 operator level menu structure (20 usernames and passwords)
- History log memory for 9999 events
- Up to 72 hours standby time and 30 minutes alarm
- Compatible with the new loop powered sounders/beacons and base sounders and the 2000 series detectors with replaceable optical chamber

ZP2-F2-PRT-99

Addressable Fire Panel with Printer - 2 Loop - English UK

Technical specifications

General

Maximum system capacity (device count)	up to 32512
Network size (nodes)	up to 64

Electrical

Power supply type	VAC
Operating voltage	110 /230 VAC (+10%/-15%)
Current consumption	Nom. 0.6 / 1.3 A, Max. 1.5 / 3.15 A

Loop

Maximum loop capacity	4

Zone

Maximum zone capacity	up to 512

Standby battery

Capacity	Max. 2 x 12V/18Ah (use supplied cables)

Physical

Form factor	Large
Physical dimensions	450 x 550 x 172 mm (W x H x D)
Net weight	7.4 kg (without battery)
Shipping weight	10.1 kg
Colour	Grey (RAL 7035)
Mounting type	Surface mount
Cable entries	18 (20mm) / 2 (20mm) / 2 removable plates (Top/Bottom/Back)

Environmental

Operating temperature	-8 to +42°C
Storage temperature	-10 to +50°C
Relative humidity	95% max. noncondensing
Environment	Indoor
IP rating	IP30: for indoor use only

Regulatory

Compliancy	BS5839-1, CPD, LPCB, NBNS21-100, NEN2535, RoHS, WEEE
Certification	EN54-13, EN54-2, EN54-21, EN54-4, VdS

Mains supply

Frequency	50 / 60 Hz (±5%)
Fuse rating	2 / 4 A
Cable type	3 x 1.5 mm² (live, neutral, earth)

Outputs

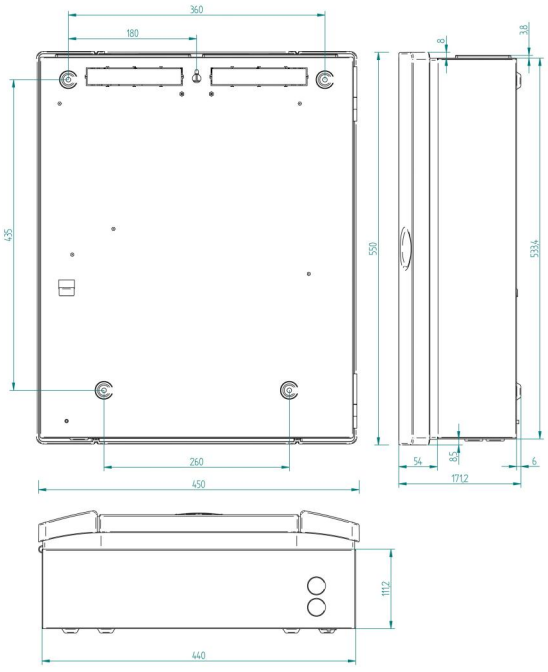
Programmable supervised	4, 750mA / 19.5-28VDC (24VDC nominal)
General Fire + Fault supervised	2, 350mA / 19.5-28VDC (24 VDC nominal)
General Fire + Fault relay	2
Aux	1 resetable, 500mA / 19.5-28VDC (24VDC nominal)
Cable type	Recommended 2 core 1.5 mm² twisted pair
End of Line resistor	15kohm

Inputs

Programmable	2
Cable type	Recommended 2 core 1.5 mm² twisted pair
End of Line resistor	15kohm
Maximum Load	150 mA

Loops

Outputs	2, 250 mA / 29VDC (29VDC to 36VDC)
Cable length	56ohm / 1µF max. 2 km
Cable type	Recommended 2 core 1.5 mm² twisted pair



As a company of innovation, Carrier Fire & Security 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 April 2023 - 15:56