ZITON

Product Data Sheet

ZP2-F2-xx

Addressable Fire Panel with User Interface - 2 Loop

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 dark 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 254 devices each (127 addresses) in 128 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.

Options

The panels supports an extra 2 loop board that brings the panel to up to 256 zones with 4 additional programmable outputs, one auxiliary relay board with 8 outputs - 2 standard fitted with relays and 6 open collector outputs with the option to add relays afterwards - and one network board to create a maximum of 32 nodes / 32 loops network of fire panels, fire panel repeaters and black-boxes (including conventional fire panels and fire panel repeaters 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
- NEN2535 / NBNS21-100 compliant
- BS5839-1 compliant
- VdS and LPCB certified
- WEEE / RoHS compliant

Standard Features

- 2 loops expandable to 4 with up to 256 zones
- Up to 40 LED Zone indicators for Fire and Fault with ample text space
- Auto configuration and default EN54 setup modes
- Ethernet port with TCP/IP for remote maintenance and programming
- EN54 compliant graphical LCD with icons and symbols for easy recognition of events
- 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 with username and password
- History log memory for 9999 events
- Up to 72 hours standby time and 30 minutes alarm
- Compatible with the Ziton loop powered sounders/beacons and base sounders and Ziton series detectors

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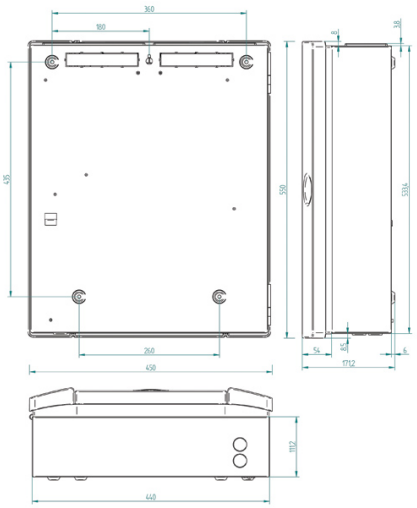
Specifications

Mains supply	
Voltage	230 / 110 VAC (+10% / -15%)
Frequency	50 / 60 Hz (±5%)
Current	Nom. 0.6 / 1.3 A, Max. 1.5 / 3.15 A
Fuse rating	2 / 4 A
Cable type	3 x 1.5 mm² (live, neutral, earth)
Batteries	Max. 2 x 12V/18Ah (use supplied cables)
Outputs	
Programmable supervised	2, 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, 300mA@11VDC (peak 500mA@20V)
Cable length	max 75ohms / 700nF (max 3.5km with 2mm² and 127 detectors)
Cable type	Recommended 2 core 1.5 mm² twisted pair
Environmental conditions	
Storage temperature	-10°C to +50 °C
Operating temperature	-8°C to +42 °C
Relative humidity	max. 95 % (non-condencing)
Mechanical	
Size (W x D x H)	449.6 x 171.2 x 550 mm
Weight	7.4 kg (without batteries)
Color	RAL7035
Cable entries (Top / Bottom / Back)	18 (20mm) / 2 (20mm) / 2 removable plates
IP rating	IP30: for indoor use only



Ordering Information

Part No.	Description
ZP2-F2-xx	Addressable Fire Panel with User Interface - 2 Loop
-xx	Replace by the applicable language code (check with your local UTC Fire & Security equipment supplier)
ZP2-ZI-20	Addressable Fire Panel Component - LED indicator - 20 zone
ZP2-ZI-40	Addressable Fire Panel Component - LED indicator - 40 zone
ZP2-LB	Addressable Fire Panel Accessory - Loop Expansion Printed Circuit Board - 2 loop
2010-2-NB	Addressable Fire Panel Accessory - Network Printed Circuit Board
BS127N	Sealed Lead-Acid Battery - 12V 7.2Ah - VdS approved
BS130N	Sealed Lead-Acid Battery - 12V 12Ah - VdS approved
BS131N	Sealed Lead-Acid Battery - 12V 18Ah - VdS approved
2010-2-FTP-C30	Addressable Fire Panel Accessory - Cable FTP CAT5 - 3m
2010-2-USB-C30	Addressable Fire Panel Accessory - Cable USB A to B - 3m

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.
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