ZP755BV-4P

Ziton series Base sounder. with visual indicator, PW

Audible and visual warning from a single unit

The ZP755BV-4P is a POLAR WHITE, addressable loop powered base sounder with visual indicator for use on ZP fire alarm systems. The ZP755BV combines a detector base, audible sounder and high intensity visual indicator in a single stylish moulding. It offers both audible and visual warnings from a single, addressable, loop wired unit.

Providing an elegant solution for areas where the installation of a separate detector, sounder and visual indicator would prove expensive, both in equipment value and wiring costs, the ZP755BV meets the requirements of most local legislation. Installation time is further reduced as the moulding plugs directly onto a first fix base, eliminating the need for any internal connections.

The ZP755BV is perfectly suited for any location involving high levels of background noise.

Low current sound gun and visual element

Independent addressing for the detector and alarm facilities are featured, with sound levels conforming to EN54:3 and clear visual indication provided by a high intensity LED array positioned inside the base moulding.

High efficiency acoustic design, a low energy sound gun transducer and a low current visual element enables up to 35 ZP755BV devices to be connected to a 1 km loop of 1.5 mm² cable, with a wiring run of 50 m to the first device.

The ZP755 range features a unique self test facility that is automatically activated during routine sounder testing. A built-in microphone circuit measures sound output and automatically signals the sounder address and location to the control panel, should the output test fail.

External power supply option

The ZP755BV may be used with other ZP loop equipment in any combined application subject to maximum loop loading. In systems where loop lengths or current requirements are excessive, the ZP755BV may be powered directly from an external power supply.

With a sound output of up to 92 dB(A), continuous, intermittent and two-tone audible outputs are available. The volume setting can be reduced for areas where a lower sound level is required.

Details

- Detector, sounder and visual indicator from a single wiring point, minimising installation costs
- Powered directly from the fire panel loop
- Separate addresses selectable for detector and notification device
- Up to 35 units directly on the loop
- High efficiency sound gun transducer
- Plug in base – no direct wiring to the notification device
- Wide range of international sound types and frequencies
- EN54:3 approved and CPR certified

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Technical specifications

General

Compatibility	All ZP7 addressable systems
Line monitoring	Open/short circuit, sound output, removal, device type
Addressing method	DIP Switches

Electrical

Operating voltage	Loop 19.5 to 20.5 V (loop powered) 18 to 30 VDC (externally powered)

Sounder

Output level	<75 dB (A) (tone dependent)
Selectable tones	user configurable

VID

Flash frequency	0.9 Hz 54 flashes/min

Physical

Physical dimensions	127 x 47 mm (Ø x H)
Net weight	156 g
Colour	Polar white
Material	Moulded thermoplastic

Environmental

Operating temperature	-10 to +60°C
Storage temperature	-20 to +70°C
Relative humidity	10 to 95% noncondesing
Environment	Indoor
IP rating	IP21C

Regulatory

Certification	CPR, EN54-3

Loop current

Quiescent (when loop powered)	500µA
Active (when loop powered)	6mA
Quiescent (when externally powered)	470µA
Active (when externally powered)	500µA

Devices per loop (max)

	35 (1km loop of 1.5mm² cable, 50 m to first device)

Wiring

	2 core loop

Addressing method

	7 way dipswitch

Visual indicator

Light source	Red LED array
Light output	<1J

Compatible products

Category	Reference	Description
Detection device	ZP720-3P	Ziton series addressable heat detector
Detection device	ZP730-2P	Ziton series addressable optical detector
Detection device	ZP732-2P	Ziton series Addressable Dual Detector (Optical & Heat), Polar White
Detection device	ZX832-3P	Ziton series addressable multisensor (optical / heat)
Notification device	70802	Red Cap for ZP755B Series Notification Devices
Notification device	SPB-2P	Plug-in base, polar white
Notification device	ZP755-COV-P	Ziton series Detector Base Cover (Polar White)

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