



ZP755BV-4P

ZP7 Series Addressable Base Sounder with Visual Indicator

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 90 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.



Standard Features

- 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

ZP755BV-4P

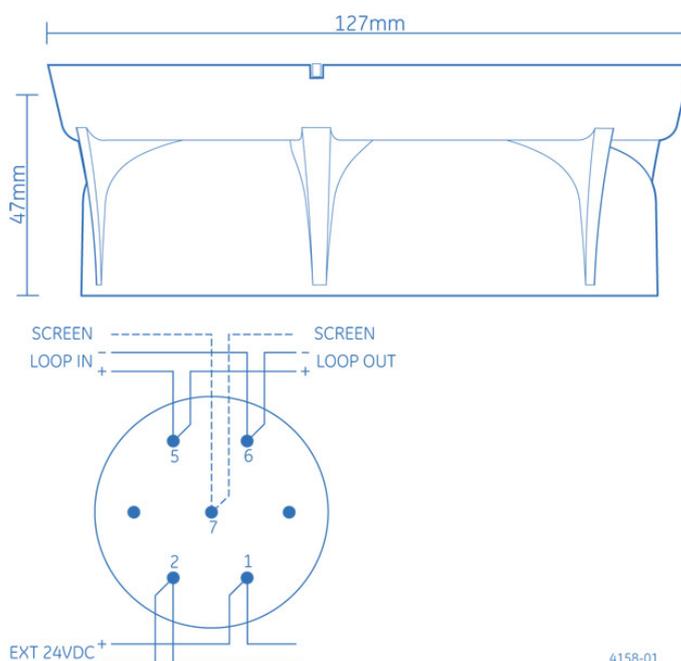
ZP7 Series Addressable Base Sounder with Visual Indicator

Specifications

| | |
|-------------------------------------|---|
| Compatibility | All ZP7 addressable systems |
| Mounting | Surface mount with plug in base - SPB-2P (White) |
| Operating voltage | |
| Loop powered | 19.5 - 20.5V |
| Externally powered | 18 - 30VDC |
| 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 1.5mm ² cable, 50 m to first device) |
| Wiring | 2 core loop |
| Monitoring | Open/short circuit, sound output, removal, device type |
| Addressing method | 7 way dipswitch |
| Sounder | |
| Sound output (tone dependant) | < 75dB(A) |
| Sound types | User configurable |
| Visual indicator | |
| Light source | Red LED array |
| Light output | < 1J |
| Flash frequency | 0.9 Hz |
| Environmental | |
| Application | Indoor |
| IP rating | IP21C |
| Operating temperature | -10°C to 60°C |
| Storage temperature | -20°C to 70°C |
| RH range (noncondensing) | 10 to 95% |
| Physical | |
| Dimensions (dia x h) | 127 x 47mm |
| Weight | 156g |
| Material | Moulded thermoplastic |
| Colour | Polar White |
| EMC | CPR certified |

Ordering Information

| Part No. | Description |
|-------------|--|
| ZP755BV-4P | ZP7 Series Addressable Base Sounder with Visual Indicator |
| SPB-2P | Pluggable Base for ZP7 Series Notification Devices - POLAR WHITE |
| ZP755-COV-P | Polar White Cap for ZP755B Series Notification Devices |
| ZP755-COV-R | Red Cap for ZP755B Series Notification Devices |



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