

# ZP755V-P

## Addressable Visual Indicator

### General

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The ZP755V-P is a POLAR WHITE visual alarm indicator moulded in high impact thermoplastic. It features a clear lens and red LED element. All ZP755V units incorporate switch settings enabling them to be assigned a unique address that is polled by the panel every two seconds.

### High Intensity Visual Signal

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Designed to compliment audible alarms, ZP755V visual indicators provides high intensity, visual signals for applications where alarm sounders alone would prove to be ineffective or inappropriate for evacuating occupied premises. In systems where high levels of background noise prohibit the use of audible alarms, residential establishments with occupants who may be infirmed or hard of hearing or manufacturing areas where intense industrial noise demands the use of ear protection, the visual indication of alarms may be necessary.

The unit is designed to meet the requirements of most local disability legislation.

### Low Current Consumption

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Clear visual indication is provided by a high intensity Light Emitting Diode (LED) array with a flash frequency of 1.1 seconds. Low current consumption enables up to 60 visual indicators to be connected to a 1 km loop of 1.5mm<sup>2</sup> cable with a wiring run of 50 metres to the first device. Light output is equivalent to a 1 Joule xenon element.

ZP755V visual indicators, ZP755HAV sounders with visual indicators and ZP755BV detector base sounders with visual indicators may all be used in any combined application provided the maximum loop loading is not exceeded.

### External Power Supply Option

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Visual indicators are installed using standard ZP7 detector bases. In systems where loop lengths or current requirements are excessive, ZP755V visual indicators may be powered directly from an external power supply by the addition of ZP7-SBB bases (ordered separately).



### Details

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- Powered directly from the ZP loop
- Up to 60 beacons directly on the loop wiring
- Fully addressable
- Low current LED based visual element
- Compatible with Ziton ZP3 fire panels

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## Addressable Visual Indicator

### Technical specifications

#### General

Compatibility Ziton addressable systems

#### Electrical

Operating voltage Loop 19.5 to 20.5 V

#### VID

Flash frequency 0.9 Hz  
54 flashes/min

#### Physical

Physical dimensions 106 x 49 mm (Ø x H)

Net weight 95 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% noncondensing

Environment Indoor

IP rating IP21C

#### Regulatory

Certification CE

#### Compatibility

ZP3 addressable systems

#### Mounting

Surface mount with plug in base - SPB-2P  
(White)

Active (when loop powered) 2.5mA

Quiescent (when externally powered) 350µA

Active (when externally powered) 360µA

#### Operating voltage

Externally powered 18 - 30VDC

#### Loop current

Quiescent (when loop powered) 400µA

#### Devices per loop (max)

60 (1km loop of 1.5mm<sup>2</sup> cable, 50 m to first device)

#### Wiring

2 core loop

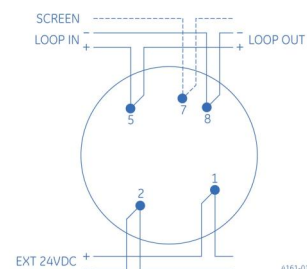
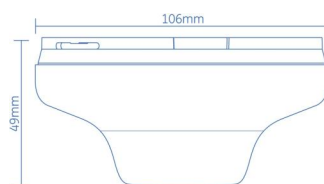
#### Monitoring

Open/short circuit, sound output, removal, device type

Light output 1J

#### Addressing method

8 way dipswitch



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