



## ZP755V-P

### ZP7 Series Addressable Visual Alarm Indicator - POLAR WHITE

#### General

---

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

---

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

---

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.

P755V 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

---

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).



#### Standard Features

---

- 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

# ZP755V-P

## ZP7 Series Addressable Visual Alarm Indicator - POLAR WHITE

### Specifications

Compatibility	ZP3 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)	400µA
Active (when loop powered)	2.5mA
Quiescent (when externally powered)	350µA
Active (when externally powered)	360µA
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
Addressing method	8 way dipswitch
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)	106 x 49mm
Weight	95g
Material	Moulded thermoplastic
Colour	Polar White
EMC	CE certified

### Ordering Information

Part No.	Description
ZP755V-P	ZP7 Series Addressable Visual Alarm Indicator - POLAR WHITE
ZP7-SBB-P	ZP7 Series Surface Mount Visual Indicator Base (POLAR WHITE)

