ZP755V-P

Ziton series Addressable Visual Indicator

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 1.5mm² 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

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

- 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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Technical specifications

General

Compatibility	Ziton addressable systems
Addressing method	DIP Switches
Monitoring	Device removal, Device type, Open circuit, Short circuit, Sound output

Electrical

Operating voltage	Loop 19.5 to 20.5 V 18 to 30 VDC (externally powered)
Cable specification	2 core loop

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
Mounting type	Surface mount
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

Active (when loop powered)	2.5mA
Quiescent (when externally powered)	350µA
Active (when externally powered)	360µA

Loop current

Quiescent (when loop powered)	400µA

Devices per loop (max)

	60 (1km loop of 1.5mm² cable, 50 m to first device)

Monitoring

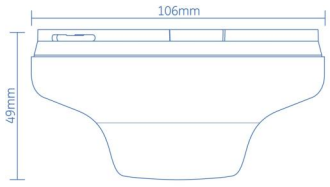
Light output	1J

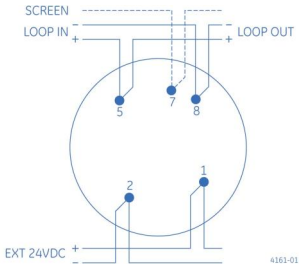
Addressing method

	8 way dipswitch

Compatible products

Category	Reference	Description
Detection device	ZP7-SB1-P	
Notification device	ZP7-SBB-P	





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