

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 1.5mm² 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).



Standard Features

- Cost effective compliance with disability legislation
- 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 all ZP loop devices

Specifications

Model No	ZP755V-P
Description	Addressable visual indicator
Compatibility	All ZP addressable systems
Mounting	Surface - Loop powered - ZP7 base External powered – ZP7-SBB stand alone visual indicator base
Wiring	2 core loop
Monitoring	Open and short circuit fault
Light output	Equivalent to 1 Joule xenon element
Strobe frequency	20ms on, 1.1s off
Operating voltage	Loop 19.5 - 20.5 VDC External 24 VDC (nominal)
Current	400uA quiescent 2.5 mA active
Max number	60 per 1km loop (1.5mm ² cable, 50m to first device)
Application	Indoor installation
EN60529 rating	IP21C
Operating temperature	-10°C to 55°C
Humidity range (at 40oC)	10% to 95% RH (non condensing)
EMC	CPD compliant
Material	Moulded thermoplastic
Dimensions	106mm (Dia) x 49mm (D)
Colour	Polar White moulding/clear lens - illuminates red
Weight	145g
Publication No	PS1782

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)

