

Z630-3P conv. opt. det. pw

General

The Z630-3P is a Polar White, conventional optical smoke detector. It provides reliable sensing for most conventional fire alarm applications and is part of the Ziton Z600 range of conventional fire detectors.

Response to slow burning fires

The Z630-3P's aesthetic design and proven stability in air movements associated with air conditioning systems have made it an ideal selection for modern building interiors. It fully meets the requirements of EN54 Pt 7 and is certified by several international approval bodies. The Z630-3P operates on the light scatter principle making it effective in applications where fires producing large particle smoke can be expected.

Universal plug in bases

Great care has been taken to provide a detector that, whilst reliable in operation, is unobtrusive when installed. The low profile moulding and surface bases makes the unit ideal for both modern commercial and industrial interiors featuring solid or suspended ceilings. A high intensity red LED indicator situated on the detector moulding provides clear indication when the unit is in alarm.

For ease of removal all Z600 series detectors plug into a range of base units by a simple twist and lock action. In order to prevent unauthorised removal a site selectable option is provided to lock the detector into its base. Once applied the unit can only be removed by means of a special tool.

All Z630-3P detectors can be monitored for detector removal by any conventional Ziton control panel. When a detector is removed from its base, in addition to giving a fault signal, all devices down line of the removed unit continue to function normally when the detector is used with the Z6-BS5-P diode base.

High operational reliability

To ensure operational reliability, all Z630-3P detectors have mouldings constructed of ABS plastic and feature surface mount technology.



Details

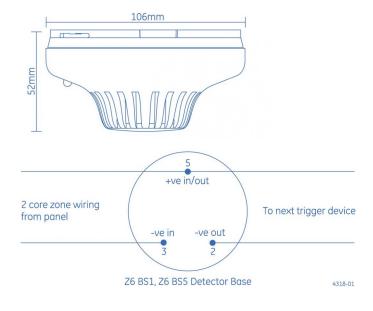
- Approved to EN54 Part 7 and CPD certified
- Low profile conventional design
- Head out continuity support
- Range of surface bases
- Plug in base with automatic locking

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Technical specifications

Electrical	
Operating voltage	15 to 30 VDC
Physical	
Physical dimensions	106 x 52 mm (Ø x H) (excluding base)
Net weight	100 g (without base)
Colour	Polar white
Material	Moulded ABS
Environmental	201 7000
Storage temperature	-20 to +70°C
Relative humidity	20 to 95% noncondensing
Environment	Indoor
IP rating	IP32 (EN60529 rating)
Standards & regu	lation
Certification	EN54-7
Creation	
Specification	
	EN54 Pt7
Sensitivity	
	0.1 dB/m
Compatibility	
	All ZC conventional systems
Mounting	
	Plugs into surface base
Area Coverage	
	100m ² , subject to local codes
Wiring	
wining	2 wire zonal
	2 WITE 2011a1
Monitoring	
	Z6-BS10pen and short circuit by EOL resistor
	Z6-BS5 Open and short circuit and head out by
	active EOL unit
Indication	
	Alarm LED (red)
Detection principl	
	Photo electric light scatter
Operating voltage	}
Operating voltage	
Operating voltage	15 - 30 volts DC
Operating voltage Current	
Current	15 - 30 volts DC
Current Quiescent Alarm (max)	15 - 30 volts DC <60μΑ
Current Quiescent	15 - 30 volts DC <60μΑ

	IP32
	IF32
Temperature r	ange
Operating	-20 to 15°C above temp rating
Storage	-20 to +70ºC
Relative humic	dity range (non condensing)
	20 to 95%
EMC	
	CE marked (EEC89/336)
Material	
	Moulded ABS
Dimensions	
	106mm (dia) x 52mm (h) (excluding base)
Height (includ	ing base)
	60mm
Colour	
	Polar White
Weight	



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