



Z630-3P

Z600 Series Conventional Optical Smoke Detector (Polar White)

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.



Standard Features

- 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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Specifications

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	2 wire zonal
Monitoring	Z6-BS1 Open and short circuit by EOL resistor 6-BS5 Open and short circuit and head out by active EOL unit
Indication	Alarm LED (red)
Detection principle	Photo electric light scatter
Operating voltage	15 - 30 volts DC
Current	
Quiescent	<60µA
Alarm (max)	50mA (limited by panel)
Application	Indoor installation
EN60529 rating	IP32
Temperature range	
Operating	-20 to 15°C above temp rating
Storage	-20 to +70°C
Relative humidity range (non condensing)	20 to 95%
EMC	CE marked (EEC89/336)
Material	Moulded ABS
Dimensions	106mm (dia) x 52mm (h) (excluding base)
Height (including base)	60mm
Colour	Polar White
Weight	100g (without base)

Ordering Information

Part No.	Description
Z630-3P	Z600 Series Conventional Optical Smoke Detector (Polar White)
Z6-BS1-P	Z600 Series Conventional Surface Mounting Detector Base (Polar White)
Z6-BS5-P	Z600 Series Conventional Surface Mounting Detector Base with Diode (Polar White)

