



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

Storage temperature -20 to +70°C

Relative humidity 20 to 95% noncondensing

Environment Indoor

IP rating IP32 (EN60529 rating)

Standards & regulation

Certification EN54-7

Specification

EN54 Pt7

Sensitivity

0.1 dB/m

Compatibility

All ZC conventional systems

Mounting

Plugs into surface base

Area Coverage

100m², subject to local codes

Wiring

2 wire zonal

Monitoring

Z6-BS1 Open and short circuit by EOL resistor
Z6-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)

