



ZR401-3P

ZR400 Series Wireless Detector Base complete with Battery Pack (Polar

General

The ZR401-3P is a POLAR WHITE wireless mounting base for use on Ziton 868 MHz wireless fire systems. It allows the ZX432-2P detector to be easily removed and replaced from almost any location. The ZX432-2P connects into the base with a simple twist and lock action, allowing quick and easy removal for cleaning and servicing, or reselection of device type should the usage of the protected area change.

High Integrity Communications

A high integrity transmitter/receiver, its power supply and aerial are contained within the base moulding, which in turn forms an integral part of the overall sensor assembly. The power supplies comprise of self-contained, standard alkaline cells, providing an energy source for normal site operation for up to 5 years. The system indicates remaining battery capacity on the wireless controller, and a low battery condition is sent to the control panel when reached, allowing sufficient time for a service engineer to replace the power source during the next service interval.

Fully Monitored

The ZX432-2P multi sensor is fully monitored by the ZR401-3P base. A device-missing signal is transmitted automatically to the main control panel via the radio loop module in the event of a detector being removed from its base. In order to prevent unauthorised removal of a device an automatic locking facility is incorporated into all detector mouldings. If the automatic locking facility is activated, the detector can only be removed from its base by use of a special tool. The locking facility is an easily applied option often taken on site during system commissioning.

Ease of Installation

The ZR401-3P base is installed either by direct surface mounting or with surface fixing plates with screw fixing centres between 50 and 90 mm. Ample room for address labels is provided on detector and base, ensuring that when removed, devices are replaced in the correct location. The address number facility additionally allows the detector to be easily identified when viewed from floor level.



Standard Features

- For use with ZX432-2P detector
- Up to 5 years battery life
- Self contained, dual power supply and aerial
- Address identification label support
- Easy installation

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Specifications

Model No	ZR401-3P
Specification	EN54:25 (with ZX432-2P)
Description	Wireless detector base
Operating frequency	868 MHz
Compatibility	All ZP addressable systems via RLM
Mounting	Surface mount
Monitoring	Continuous self-checking
Power supply	3 VDC alkaline batteries
Application	Indoor installation
IP rating	IP42
Temperature range	-20°C to +70°C
Humidity range	10% to 95% RH (non condensing)
Material	Moulded ABS
Dimensions	106mm (Dia) x 40mm (H)
Colour	Polar White
Weight	180g

Ordering Information

Part No.	Description
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