

Z6-BS5-P

CONV. DIODE BASE, 2-WIRE PW

General

The Z6-BS5-P is a Polar White conventional fire detector base with diode. It allows any Z600 conventional detector to be removed or replaced without disconnecting wiring from detector terminals. Detectors plug into the base units with a simple twist and lock action, allowing quick and easy removal for cleaning and servicing, or reselection of detector type should the usage of the protected area change.

Designed for systems complying with the recommendations of BS 5839 Pt1 where the removal of a detector from its base must not effect the operation of devices wired further down the line, the Z6-BS5-P base includes a diode arrangement providing line continuity. When using the Z6-BS5-P with any ZC conventional control panel for head out monitoring, the line must be terminated with a active end-of-line device.

Robust wiring terminals

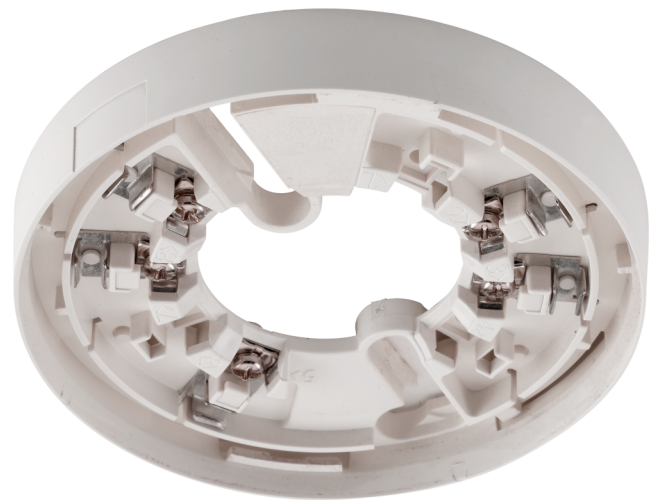
Forming an integral part of the overall detector assembly, the base is provided with slots for screw fixing to either surface wiring plates, or conduit boxes with screw fixing centres between 50 and 90 mm.

The Z6-BS5-P features robust wiring terminals with captive clamping washers to ensure secure wiring termination. The bases are of shallow design with ample space to accommodate cables of all types. Terminals are provided inside the moulding for the connection of a remote LED when required.

Automatic locking

In order to prevent unauthorised removal of a detector from its base, an automatic locking breakout is incorporated into all detector mouldings. When this breakout is removed, detectors can then only be released from their bases by use of a special tool. The locking facility is an easily applied option often taken on site at the system commissioning stage.

For systems where head out continuity is not a requirement the Z6-BS1-P base should be installed.



Details

- Common to all Z600 series detectors
- Automatic locking option
- Head out continuity monitoring
- Easy to install

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Technical specifications

Physical

Physical dimensions	108 x 18 mm (Ø x H)
Net weight	52 g
Colour	Polar white
Material (body)	Moulded ABS

Environmental

Relative humidity	20 to 95% noncondensing
Environment	Indoor

Specification

	EN54 (with relevant detector)
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Compatibility

	All ZC conventional systems
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Mounting

	Conduit box or surface wiring plate
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Fixing holes

	Slot for 50mm to 90mm fixing centres
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Wiring

	2 wire zonal with terminals for remote LED
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Monitoring

	Head out monitoring - Schottky diode
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Temperature range

	-10 to +75°C
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Relative humidity range (non condensing)

	20 to 95%
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EMC

	CE marked (EEC89/336)
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Material

	Moulded ABS
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Dimensions (Dia x H)

	108 x 18 mm
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Colour

	Polar White
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Weight

	52g
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