

The Z6-BS1 detector base, 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 where head out continuity is not a requirement, detector line monitoring is provided by a suitable end of line resistor, connected across the out terminals of the final device in the circuit.

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 50mm and 90 mm.

Bases feature 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.

In order to prevent unauthorised removal of a detector from its base, an automatic locking breakout is incorporated into the interior of all detector mouldings. If the breakout is removed, detectors can then only be released from their bases by use of a Ziton detector head picker (Z-PH-2). The locking facility is an easily applied option, often taken on site, at the systems commissioning stage.

For systems complying with the recommendations of BS 5839 Pt1:1988, where the removal of a detector from its base must not effect the operation of devices wired further down the line, the Z6-BS5 base should be installed, (Publication PS1307.1).

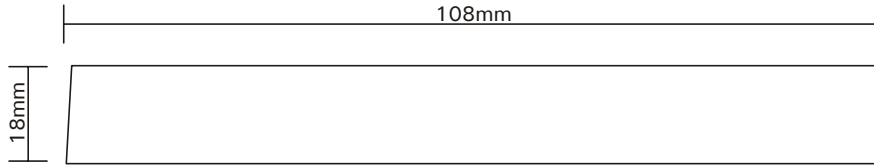


## Z6-BS1

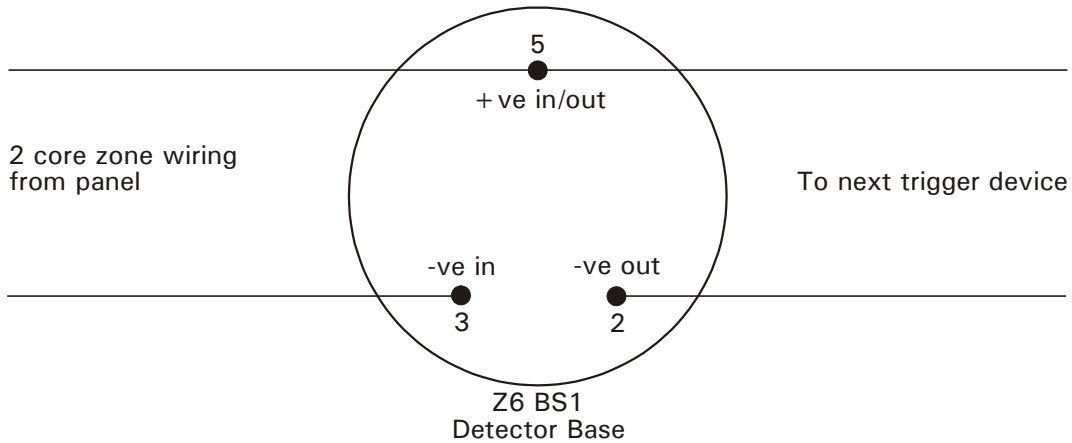
### Conventional Surface Mounting Detector Base

- **Common to all Z600 series detectors**
- **Automatic locking option**
- **Ease of installation**

# Dimensions



# Wiring Schematic



# Specifications



Model No.	Part No.	Specification	Description
Z6-BS1	20901	EN54 (with relevant detector)	Conventional detector base
Compatibility	All ZC conventional systems	<b>Environmental:</b>	
Mounting	Conduit box or surface wiring plate	Temp range	-10°C to +75°C
Fixing holes	Slot for 50mm to 90mm fixing centres	Humidity range	20% to 95% RH (non condensing)
Wiring	2 wire zonal - open circuit monitored Terminals for remote LED	EMC	CE marked (EEC89/336)
<b>Monitoring:</b>		<b>Construction:</b>	
Z6-BS1	Open and short circuit by end of line resistor	Material	Moulded ABS
		Dimensions	108mm (Dia) x 18mm (H)
		Colour	White
		Height	60mm (with detector)
		Weight	52g

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PS 501.1223, issue 01, Published 09 February 2000 Supersedes datasheets PS550

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