



## PS1223.3

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, 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).

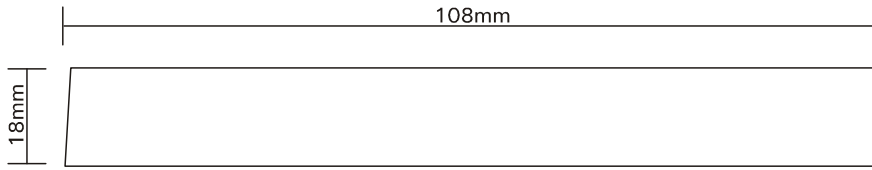


# Z6-BS1

## Conventional Surface Mounting Detector Base

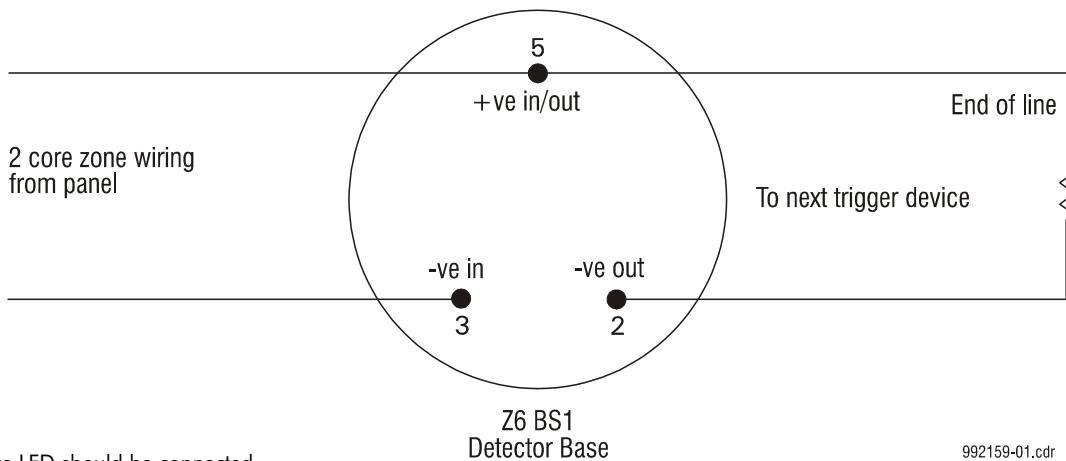
- **Common to all Z600 series detectors**
- **Automatic locking option**
- **Ease of installation**

# Dimensions



990768-01.cdr

# Wiring Diagram



Note: Remote LED should be connected between terminals +5 and -8

992159-01.cdr

# Specification



|                 |  |
|-----------------|--|
| Model No.       | Z6-BS1   |
| Specification   | EN54 (with relevant detector)                                  |
| Description     | Conventional detector base                                     |
| Compatibility   | All ZC conventional systems                                    |
| Mounting        | Conduit box or surface wiring plate                            |
| Wiring          | 2 wire zonal – open circuit monitored terminals for remote LED |
| Monitoring:     |  |
| Line monitoring | Open and short circuit by end of line resistor or capacitor    |
| Environmental:  |  |
| Temp range      | -10°C to +75°C   |
| Humidity range  | 20% to 95% RH (non condensing)                                 |

|               |   |
|---------------|---|
| EMC           | CE marked (EEC89/336)                   |
| Construction: |   |
| Material      | Moulded ABS                             |
| Dimensions    | 108mm (dia) x 18mm (h) (excluding base) |
| Height:       | 60mm (with detector)                    |
| Colour        | White                                   |
| Weight        | 52g                                     |

Ziton  
 8 Newmarket Court Chippenham Drive Kingston Milton Keynes MK 10 0AQ United Kingdom  
 Telephone +44 (0) 1908 281981 Fax +44 (0) 1908 282554 email zitonuk@ziton.spx.com

Ziton (Pty) Ltd  
 Ziton House 555 Voortrekker Road Maitland 7405 PO Box 181 Maitland 7404 South Africa  
 Telephone +27 (0)21 506 6000 Fax +27 (0)21 506 6100 email zitonza@ziton.spx.com

Copyright © Ziton  
 Ziton reserves the right to change specifications without notice in order to improve products or manufacturing methods. Although every effort is made to avoid errors, we reserve the right to correct typographical, photographic, clerical or printing errors.