



4B Detector Bases

Addressable – Devices

Part No. 517.050.041

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Product Details

The 4B 517.050.041 detector base is intended for use in installations where a short circuit isolator or continuity functionality is not required. It is compatible with the Ceiling Tile Adapter, which can reduce installation time by up to 30%. The base is designed to snap-fit into the Ceiling Tile Adapter for easy installation.

Additionally, the base can be securely fixed to a ceiling, electrical box, or deckhead mount using screws in a conventional manner. A park position feature allows the detector to be mechanically attached to the 4B base without establishing electrical connections, making it easier to test electronic-free bases. For optimal placement, the base should be installed with the park plunger facing the door or a frequently accessed area. This ensures that the LED indicator remains visible upon entry, in accordance with AS1670.1-2004.



Key Features

- Optional conduit entry backboxes
- Aesthetically discreet
- Superior performance and reliability
- Designed for rapid installation
- Remote LED connection
- Optional short circuit isolator in each base
- Loop powered sounder bases

Technical Specifications

Dimensions	Height: 25mm Diameter overall: 109mm
Material	Base: Flame Retardant PC-ABS Base Contacts: annealed spring steel Base screws: stainless steel
Weight	Base: 0.064 kg
Operating Temperature	-25 °C to +70 °C (+90 °C for short periods)
Storage Temperature	-40 °C to +80 °C
Relative Humidity	95 % non-condensing



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LIGHTING & FIRE DESIGN, SUPPLY & SUPPORT

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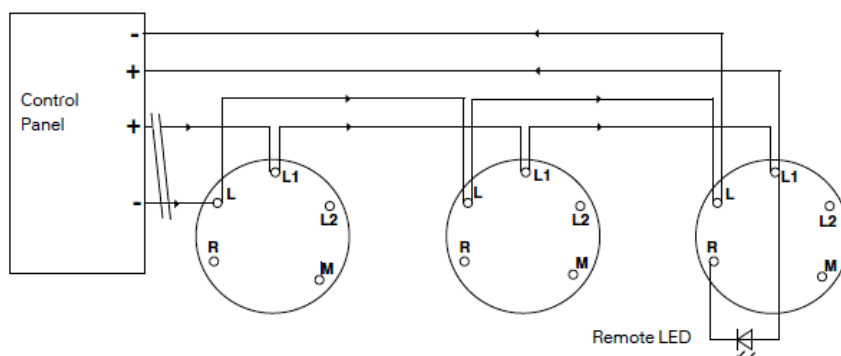
Variants

There are a number of variants in the series, to suit varying installation requirements and detector design. All the variants are similar, in terms of construction and dimensions.

4B Base Variants

4B	Base variant	Use when the isolator base is not required.
4B-I	Isolator base. If a loop short circuit is detected on one side of the base, loop continuity is automatically broken to maintain a functioning section of loop on the other side of the base. The base itself remains functioning. Once the short circuit is no longer detected, loop contiguity is automatically restored.	Use with FC460 series detectors.

Wiring



Typical implementation wiring diagram – 4B