

DESCRIPTION

Conventional mounting base has been designed to enable detectors to be fitted without the need of force, particularly useful when fitting to suspended ceilings. All bases have a 'one way only' fit.

FEATURES

- 2 wire base.
- Detector locking mechanism.
- One way fit.
- Easy to wire.
- Contains a ground wire terminal.
- Contains no electrical parts.

INSTALLATION

These products must be installed in accordance with the applicable NFPA standards, local codes and jurisdictional authorities. Failure to follow these instructions may result in failure of the detectors to report an alarm condition. Shield Fire, Safety and Security Ltd is not responsible for detectors which are improperly installed, maintained and tested.

Before installing these products check the continuity, polarity and insulation resistance of all wiring. Check that siting is in accordance with the fire system drawings and conforms to all applicable local codes such as NFPA 72.

Use 77 mm octagonal box for direct connection to the base. 102 mm octagonal and 102 mm square boxes may be used with proper UL listed mounting brackets. When mounting on a wall, install 102 mm to



▲ S-C2001



305 mm from the ceiling. Use 3M Weather ban 606 Non-Flammable sealing compound (or equivalent) to seal field wiring conduit opening in the electrical box, this will reduce the stacking effect. Secure the base to the electrical box with appropriate screws. Do not overtighten the screws. The raised mark on the side of the base indicates the direction of the detector LED when fitted. Connect the shield, if required, to the shield terminal on the base.

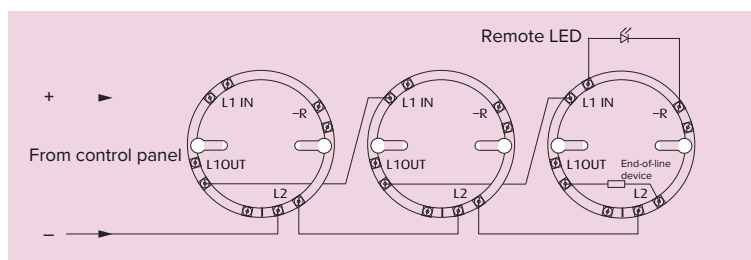


Fig 1 Wiring diagram of loop with one remote indicator

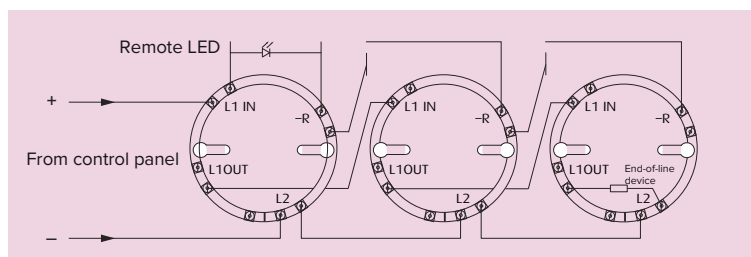


Fig 2 Wiring diagram of loop with common remote indicator

TECHNICAL DATA

Working Voltage	9-33 VDC
Maximum Alarm Current	7 mA at 9 V, 52 mA at 24 V
Surge Current	0 mA
Supervisory current	40-50 µA at 9 V, 45-55 µA at 24 V
Test Method	Magnet or Gemini 501
Installation Temperature	Minimum 0 °C Maximum 60 °C

CAUTION : Do not use looped wiring terminal. Break wire run to provide supervision of connection. Terminal L1 and L2 are polarity insensitive.

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