

## 4 Mounting Bases

### 4.1 Mounting Base:



All detectors in the Series 65 range fit into the Standard and Diode mounting bases. The bases are of 100mm diameter and have five terminals marked according to their function: Line 1 in, line 1 out, line 2 in and out, remote indicator negative, earth.

Detectors are polarity insensitive, so that identification of positive and negative lines is only required if a remote LED is fitted. An earth connection is not required for either safety or correct operation of detectors. The earth terminal is provided for tidy termination of earthed conductors or cable screens and to maintain earth continuity where necessary.

Bases have a wide interior diameter for ease of access to cables and terminals and there are two slots for fixing screws at a spacing of 51 to 69mm. Detectors fit into bases one way only and require clockwise rotation without push force to be plugged in. They can be locked into the base by a grub screw using a 1.5mm hexagonal driver.

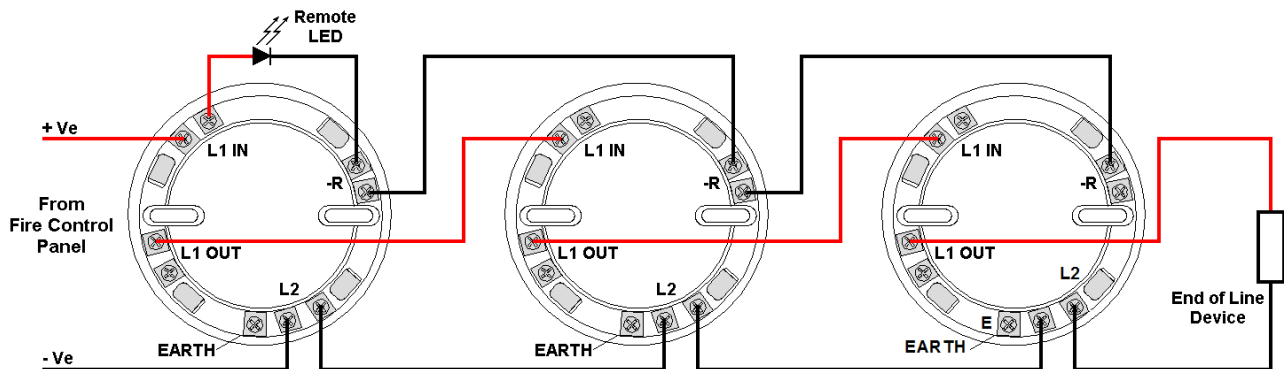


Figure 4 - Schematic wiring diagram of Series 65 monitored detector circuit with a common remote indicate

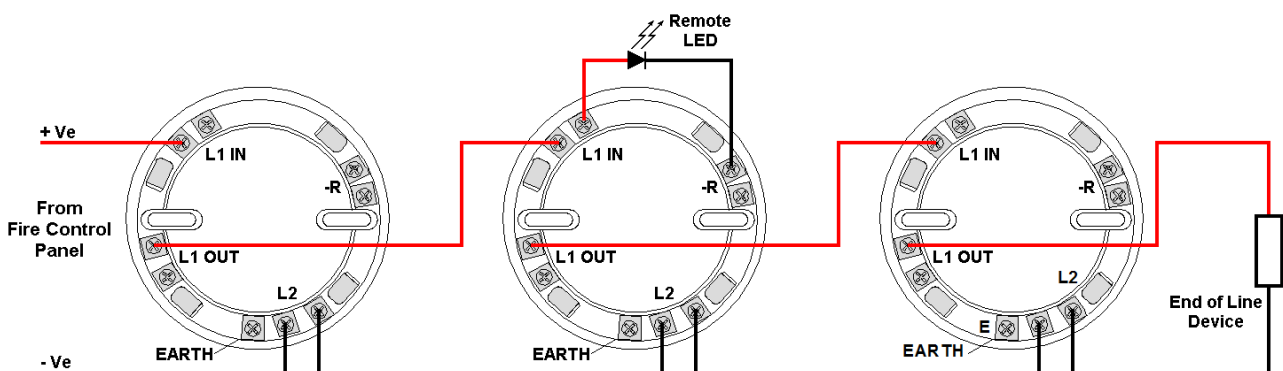


Figure 5 - Schematic wiring diagram of Series 65 monitored detector circuit

Product Description	SAI (AS7240)	LPCB (EN54)
Standard Base	4106-1008	45681-200AMP
Series 65 Diode Base	4106-1009	45681-201AMP