XPERT 8
Intelligent Mounting Base

Product Overview

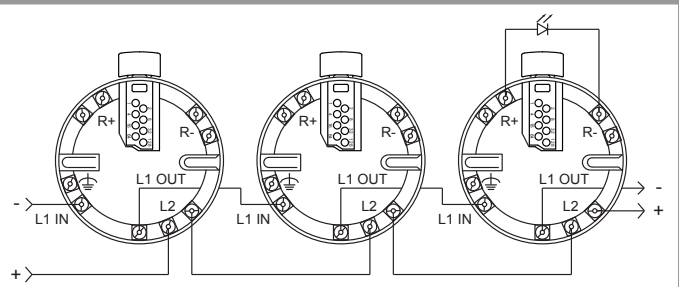| Product Type	Mounting Base
Part No.	SA5000-200

Product Information

All detectors in the Soteria®, Discovery® and XP95® range fit into the XPERT 8 Intelligent Mounting Base. The base has a wide interior diameter for ease of access to cables and terminals. The 'E-Z Fit' feature allows you to fit the base screws, place the XPERT 8 Intelligent Mounting Base over the screws, slide it into place and tighten the screws. The detector requires a clockwise rotation into the base for fitting. Additionally the detector can be locked into the base for increased security, by a grubscrew using a 1.5mm hexagonal driver. The XPERT 8 card, Part Number 38532-064, supplied with the base, has pre-punched pips to remove to set the address. Refer to the XPERT 8 Intelligent Mounting Base Installation Guide 39215-005 for details on how to set the address.

- Compatibility with Soteria, Discovery and XP95 detectors
- Isolated and Non-isolated devices supported
- Isolated wiper - maintains loop connectivity during temporary removal of devices
- Supplied with XPERT 8 Card for CoreProtocol® *
- 'E-Z Fit' allows for simple mounting of the detector base after wiring
- Base mark allows for LED detector alignment

Note: XPERT 8 card increases the address capacity to 254 when using Soteria detectors and CoreProtocol enabled fire control panels.

Technical Data

Terminal functions (Note: With reference to Figures 1,2 & 3, L1 & L2 are polarity sensitive when used with a Soteria detector)	+L2	Loop in & out positive
	–L1 in	Loop (isolated) negative
	–L1 out	Loop (isolated) negative
	⏚	Functional earth
	+R	Remote indicator positive connection
	–R	Remote indicator negative connection
Dimensions	100mm diameter x 20mm height (Base with Soteria Optical Smoke Detector 48mm height)	
Weight	63g	

Figure 1 Wiring Diagram for Detectors with Isolator*

Note: Detectors without isolators will work with the above connections, however if there are no isolators in the system or it is a retrofit application, the arrangement below is recommended.

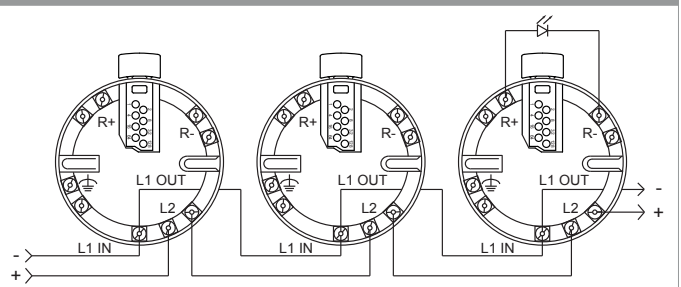### Figure 2 Wiring Diagram for Detectors without Isolator

Figure 3 Wiring Diagram for Detectors without Isolator with common Remote LED

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