XPERT 8

Intelligent Mounting Base

Product overview

Product	**Mounting Base**
Part No.	**SA5000-200 (White)**
	SA5000-202 (Red)
	SA5000-204 (Black)

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.

- Compatible 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.*

Manufacturer's Specification

All data is supplied subject to change without notice. Specifications are typical at 24 V, 25°C and 50% RH unless otherwise stated.

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 dia. x 20mm height*	
Weight	*63g*	
Materials	*Base: Flame-retardant polycarbonate* *Terminals: Nickel plated stainless steel*	

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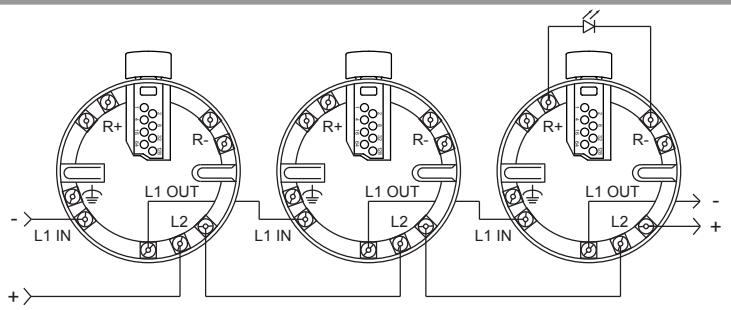
Figure 1: Wiring diagram for detectors with isolator*



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

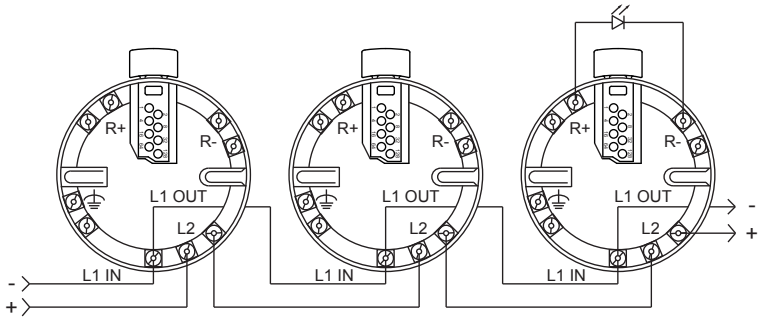
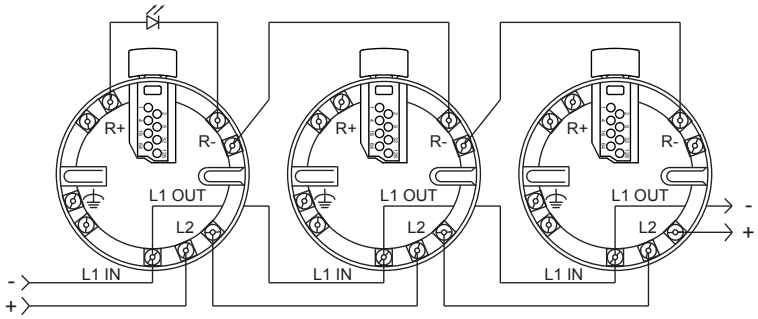



Figure 3: Wiring diagram for detectors without isolator with common remote LED