

APOLLO FACT SHEET THE SOTERIA RANGE

SOTERIA™

The Soteria range of addressable fire detectors have been designed and tested at Apollo UK:

- Integrated isolation promotes quicker installation and provides loop protection
- Advanced sensor technology reduces unwanted alarms
- Drift compensation extends device life and maintains alarm sensitivity
- Compatible with XP95* and Discovery protocols for a flexible integrated solution



ENVIRONMENTAL PERFORMANCE & APPLICATIONS

A fire risk assessment must be carried out to identify the most suitable product type for the given fire risks. Following this, it may be possible to select a suitable device that has the lowest nuisance risk as detailed in the table below:

PRODUCT		DUST/POLLUTION	COLD ENVIRONMENT	INSECTS	STEAM	VAPE
Heat	SA5100-400	Very good	Very good	Very good	Very good	Very good
Optical	SA5100-600	Good	Very good	Good	-	Good
Multi	SA5100-700	Good	Very good	Good	Good	Good
Dimension	FL5100-600	-	Good	Very good	-	-
Dual Optical/Heat	SA5100-710	-	Good	-	-	Good
Tri-sensor	SA5100-810	-	Good	-	Very good	Very good

SOTERIA® is ideally suited to applications such as:



*SA5100-710 and SA5100-810 compatible with Discovery protocol only.

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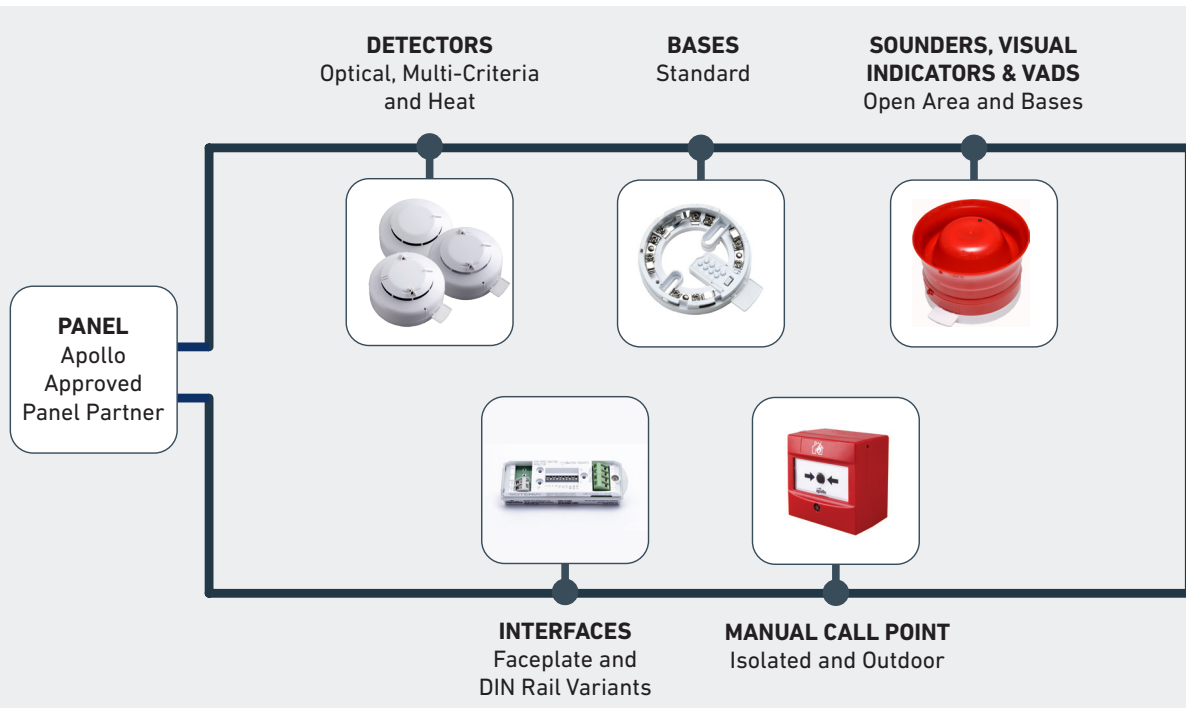
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A Halma company

THE SOTERIA RANGE

SOTERIA™



THE SOTERIA® RANGE	
SA5100-400	Soteria Heat Detector
SA5100-600	Soteria Smoke Detector
SA5100-700	Soteria Multi-Sensor Detector
FL5100-600	Soteria Dimension
FL6100-600	Soteria Dimension Specialist
SA5100-710	Soteria Multi-Sensor Detector (Dual Optical/Heat)
SA5100-810	Soteria Tri-Sensor Detector (Dual Optical/Heat/CO)
45682-800	XPert Universal Address Card
SA5000-200	XPert 8 Base
FL5000-200	Soteria Dimension Backbox

CASE STUDIES
 Marchwood School
 Whitman Laboratories
 Westferry House Offices
 Healthcare HPV Bioquell
 Vesta Windturbines

COMPARISON TABLE		
	XP95™ SOTERIA™	
Operating temperature*	-20° to 60°C	-40° to 70°C
Remote LED function	✓	✓
Red alarm LED	✓	✓
Anti-tamper	✓	✓
Number of addresses	126	126
Approved sensitivity modes	1	5
Drift compensation		✓
Tricoloured LED status indicator		✓
360 viewable LED		✓
Integrated isolator in the head		✓

*SA5100-710 and SA5100-810 operate at -10°C to 55°C. Dimension operates at -20°C to 55°C. 55000-600/620 and 55000-400/420 operates to 70°C.