



Apollo Fire Detectors Ltd is one of the world's leading manufacturers of fire detection solutions for commercial and industrial applications. Apollo products are designed to save lives and protect property from the risk of fire.

Based in Portsmouth, on the south coast of the UK since 1980, Apollo has built a worldwide reputation for innovation, quality and reliability.

Innovation drives the company's product development programme, with continuous exploration of new technologies helping to deliver leading-edge fire detection solutions. Apollo offers analogue addressable and conventional fire detection devices, as well as a host of ancillary products such as sounders, visual indicators and manual call points. Apollo holds in excess of 3,000 product approvals worldwide as well as a number of internationally recognised quality and environmental awards.

XP95

The XP95 range of analogue addressable fire detectors is advanced in design, improved in performance and has unique features that benefit the installer and the end user.

The detectors have been carefully researched and developed by the Apollo design team and the range has undergone rigorous testing to ensure that it meets not only European and other standards but also the demands of today's high technology environments.

The range features smoke detectors (optical and ionisation), standard and high temperature heat detectors and a multisensor.

Beam detectors, flame detectors, manual call points, audio visual signalling devices, interface units and isolators complete the range. XP95 has a 'central intelligence' system where all the decisions are made by the control panel.

XP95 detectors provide an alarm facility that automatically puts an alarm flag on the data stream and reports its address when the pre-set EN54 thresholds are exceeded.



Key Features of XP95 include:

- Digital Protocol for error-free transmission
- Alarm Flag for fast alarm reporting
- Alarm Address for fast location of alarm
- Automatic addressing with the patented XPERT card
- Electronics-free, easy fit base
- Ease of installation
- Wide range of compatible interface units
- Wide range of compatible panels
- Compatible with Series 90 and Discovery
- Elegant, unobtrusive design
- Wide range of products
- Great flexibility in system design



XP95 Optical Smoke Detector



XP95 Multisensor Detector



XP95 Heat Detector



XP95 Ionisation Smoke Detector



MiniDisc Remote Indicator



Intelligent Mounting base



Intelligent Heater Base



Intelligent Deep Base



Intelligent Low Power Relay Base



Isolator



Isolator Base



Isolating Base



Intelligent Manual Call Point



Waterproof Addressable Manual Call Point



Blank XPERT Card

BASES

The XP95 range features a number of different bases including an Intelligent Mounting Base, Isolating Base and Intelligent Low Power Relay Base.

BEAM & FLAME DETECTORS

A range of beam detectors are available to protect large, open spaces such as warehouses and atria. Flame detectors that are designed for use in large areas, that require a detector to give a fast response in dusty or highly flammable environments are available.

MANUAL CALL POINTS

The Intelligent Manual Call Point has been designed to operate on a loop of intelligent fire detection devices. It is compliant with EN 54-11 and is EN 54-17 Certified. The device is addressed at the commissioning stage by means of an internal DIL switch and can be easily reset from the front using the supplied reset key.

SOUNDERS & BEACONS

There is a wide choice of devices for audible and visual alarm signalling and includes VADs, which are EN 54-23

compliant. The devices are available as stand-alone or integrated into bases.

INTERFACES

There is a comprehensive range of interfaces for systems which enable fire protection solutions to be engineered simply and effectively without the need for custom-designed equipment. There are a variety of interfaces available to suit a number of individual applications.

INTRINSICALLY SAFE

XP95 Intrinsically Safe detectors feature all the benefits of the standard range, but are developed specifically for use in hazardous areas.

APPROVALS

The XP95 range of detectors and system components are approved by a large number of third party certification bodies around the world, including LPCB, VdS, ABS, AFNOR, UL and VNIIP0.



Orbis is a range of conventional detectors which has been developed with sophisticated technology previously only found in intelligent detectors. Orbis is a range designed to make installation, commissioning and maintenance fast and simple with modern styling and incorporates a mounting base which saves installation time.

Orbis comprises of optical smoke and multisensor detectors, seven grades of heat detector and a range of bases. Each type of detector is available in two versions:

- Standard
- Flashing LED

Key Features of Orbis include:

- Automatic drift compensation with DirtAlert® warning
- Patented FasTest detectors® which reduces the time taken to test

orbis®

- SensAlert® sensor is not operating correctly uses a flashing LED to indicate that the sensor is not operating incorrectly
- StartUp™ for fast commissioning
- Attractive and compact design
- Electrically compatible with Series 60 and Series 65
- Wide voltage and operating temperature ranges
- Algorithms for transient rejection
- Flashing LED option
- 360° visibility of LEDs
- Insect Resistant



Orbis Heat Detectors



Orbis Optical Smoke Detector



Orbis Multisensor
Smoke Detector



Orbis TimeSaver Diode Base



Orbis LX Base



Orbis Time Saver Base



Orbis TimeSaver Relay Base



Orbis TimeSaver Deep Base



Orbis Sav-Wire Base



Orbis Heater Base



MiniDisc remote Indicator



Series 65 to Orbis Base Adapter



Conventional Manual Call Point

BASES

There are a range of TimeSaver bases available which include grouped terminals to make wiring easy, two fixing centres and an LED alignment mark to make installation fast and simple.

ORBIS MARINE AND INTRINSICALLY SAFE

Orbis Marine conventional fire detectors offer the same wealth of features to save time, enhance reliability and reduce false alarms within the marine environment.

Intrinsically Safe versions of Orbis detectors are also available for use in hazardous environments.

APPROVALS

Orbis, Orbis Marine and Orbis Intrinsically Safe ranges of fire detectors and system components are approved by a large number of third party certification bodies around the world including LPCB, VdS, Lloyd's Register, Bureau Veritas, ABS, China Classification Society as well as being declared compliant with the essential requirements of the EMC Directive 89/266/EEC and the Construction Products Directive 89/106/EEC.

The devices have also been tested and approved to EN 54-7 and EN 54-5 standards.

The SOTERIA® collection offers the next generation in fire recognition technology and has been developed to improve detection, reduce false alarms and deliver improved reliability.

Complementing SOTERIA® is Apollo's enhanced protocol, CoreProtocol®, the next generation in fire loop communication giving greater control, higher levels of efficiency and significantly more loop power.

Key Features of SOTERIA® include:

- Enhanced reliability of smoke detection
- Reduction in false alarms
- Simple installation with a new easy-fit base and an isolator located in the head

SOTERIA®

- PureLight® technology
- A sleek and stylish low-profile design
- Compatible with XP95 & Discovery protocols
- Comprehensively tested to exceed EN54 standards
- Extensively tested at Apollo's state of the art in-house testing facilities

For more information regarding SOTERIA® visit our microsite: www.apollo-fire.co.uk/soteria



SOTERIA® Optical Detector



SOTERIA® Heat Detector



SOTERIA® Optical/Heat Multisensor Detector



XPERT 8 Intelligent Mounting Base



Intelligent Manual Call Point

For additional information feel free to contact us or visit:

www.dawcul.com

Dawcul Head Office
Number 8 Beech Court, Wokingham Road
Hurst, Reading, Berkshire RG10 0RQ
United Kingdom

T: +44 (0)118 932 0520
F: + 44 (0)118 924 1919
E: sales@dawcul.co.uk
W: www.dawcul.com