

ORBIS OPTICAL SMOKE DETECTOR



The Orbis Optical Smoke Detector works using the well established light scatter principle, however, the sensing technology is radically different in design from previous optical detectors and significantly reduces false alarms.

- Responds well to slow-burning, smouldering fires
- Performs well in black and white smoke
- Extra confirmation of smoke before alarm signal is given
- Reduced incidence of false alarms
- Sensing chamber keeps out dust and other airborne contaminants
- Operates over a broad range of voltages at extremes of temperature

23900-K178 ORBIS Optical Smoke Detector

ORBIS MULTISENSOR DETECTOR



The Orbis Multisensor detector benefits from the same false alarm reduction technology as the optical detector. It is a thermally enhanced smoke detector and so will not give an alarm from heat alone.

- Responds well to fast-burning, flaming fires
- Reduced incidence of false alarms
- Increased reliability of detection
- Sensing chamber keeps out dust and other airborne contaminants
- Operates over a broad range of voltages at extremes of temperature

23900-K179 ORBIS Multisensor Detector

ORBIS HEAT DETECTOR



The Orbis Heat Detector monitors temperature by using a single thermistor network which provides a voltage output proportional to the external air temperature. There are seven classes of heat detectors in the Orbis range designed to suit a wide variety of operating conditions.

- Can be used for applications where smoke detectors are unsuitable
- Ideal in environments that are dirty or smoky under normal conditions
- Reduced incidence of false alarms
- Increased reliability of detection

ORBIS HEAT DETECTOR

23900-K180 Rate-of-Rise MAT 50 C
A1R - Standard

23900-K181 Static MAT 50 C
A2S - Standard

23900-K182 Rate-of-Rise MAT 65 C
BR - Standard

23900-K183 Static MAT 65 C
BS - Standard

23900-K184 Rate-of-Rise MAT 80 C
CR - Standard

23900-K185 Static MAT 80 C
CS - Standard

MAT (Maximum Application Temperature)

DETECTION AND ALARM – CONVENTIONAL FIRE DETECTION

TIMESAVER BASE



The TimeSaver Base® is a completely new design that provides installers with an open working area with fixing holes shaped to allow a simple mounting procedure.

- Grouped terminals to make wiring easy
- Two fixing centres
- LED alignment mark
- Cable stripping guide
- Detector locking mechanism

23900-K186 TimeSaver Base

TIMESAVER DIODE BASE



The TimeSaver Diode Base has the same design as the standard TimeSaver Base® with the addition of a diode. It is used in systems which house active EOL monitoring for head removal.

- Grouped terminals to make wiring easy
- Two fixing centres
- LED alignment mark
- Cable stripping guide
- Continuity link for voltage testing of zone wiring prior to commissioning
- Detector locking mechanism
- Other devices continue to work during unauthorised removal of detectors

23900-K187 TimeSaver Diode Base

TIMESAVER RELAY BASE



The TimeSaver Relay Base incorporates a single pole voltage free change-over contact for switching external equipment. When the detector changes to the alarm state, the relay is energised causing the contact to change state. The contact will remain in this condition until the detector is reset.

- Grouped terminals to make wiring easy
- Two fixing centres
- LED alignment mark
- Cable stripping guide
- Continuity link for voltage testing of zone wiring prior to commissioning
- Detector locking mechanism
- Capable of switching up to 30V at 1A

23900-K188 TimeSaver Relay Base

TIMESAVER DEEP BASE



The TimeSaver Deep Base is a mounting base for Orbis products which has an increased depth allowing for cables to be inserted into the side of the base.

- Enables surface wiring

23900-K225 TimeSaver Relay Base

SERIES 65 TO ORBIS BASE ADAPTOR



The Orbis Adaptor is designed to allow Orbis detectors to be fitted to an existing Series 60 or Series 65 base. The adaptor eliminates the need to rewire an existing Apollo conventional system.

- Allows an existing range to be updated with ease
- Eliminates the need for re-wiring

23900-K224 Series 65 to Orbis Base Adaptor

MINIDISC REMOTE INDICATOR



The MiniDisc Remote Indicator is a light-weight, compact indicator for use in fire Protection systems. The remote indicator can be wired to detectors which are not visible, i.e. in ceiling/floor voids. This allows identification of the operated device.

- Can be used across the entire Apollo range
- Small and discrete
- Anti-tamper screw to protect against unauthorized removal.

23900-K095 MiniDisc Remote Indicator