

Apollo Intelligent Fire Detection

Discovery Range Detectors



Photo Electric / Optical Smoke Detector

The Optical Smoke Detector works using the light scatter principle and ideal for applications where slow burning or smoldering fires are likely

58000-650 Discovery Photo Electric Smoke Detector
58000-600 Discovery Optical Smoke Detector

- Responds well to slow burning or smoldering fires
- Well suited for bedrooms and escape routes
- Unaffected by wind or atmospheric pressure
- Remote test feature



Multisensor Detector

Multisensor Detector comprises optical smoke and thermistor temperature sensors Which give both a combined signal as well as a separate heat signal for improved false alarm management.

58000-750 Discovery Multisensor Detector
58000-700 Discovery Multisensor Detector

- Ideal for a wide range of applications
- Enhanced false alarm management
- Well suited for environments such as hotel bedrooms
- Highly immune to false alarms
- Unaffected by wind or atmospheric pressure
- Heat only and optical only options
- Remote test feature



Ionisation Smoke Detector

Ionisation Smoke Detector uses a low activity radio active foil to detect fire by irradiating the air in the smoke chamber and causing a current flow. If the smoke enters the chamber, the current flow is reduced leading to an alarm.

58000-550 Discovery Ionisation Smoke Detector
58000-500 Discovery Ionisation Smoke Detector

- Responds well to fast burning flaming fires
- Designed to operate for a variety of environments
- Remote test feature



Nitin Venture FZE.

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Heat Detector

Heat Detector uses a single thermistor to sense the air temperature around the detector.

58000-450 Discovery Heat Detector
58000-400 Discovery Heat Detector

- Ideal in environment that are dirty or smoky under normal conditions
- Well suited for warehouses, loading bays and parks
- Unaffected by wind or atmospheric pressure
- Remote test feature



Intelligent Mounting base

All Detectors in the Discovery range fit the intelligent Mounting Base. The Mounting Base is a low insertion force base with stainless steel contacts for the detector terminals. XPERT cards are supplied with all bases.

45681-210UL Mounting Base 4"
45681-225APO Mounting Base 6"
45681-210 Intelligent Mounting Base

- XPERT addressing
- One way fit
- Locking feature to prevent unauthorised detector removal



Low Power Relay Base

The Intelligent Low Power Relay Base incorporates a low power relay to control field equipment.

45681-242UL Low Power Relay Base 4"
45681-242 Intelligent Low Power Relay Base

- Provides a set of voltage free contacts controlled by the remote output of a detector
- Draws negligible current
- Capable of switching up to 30V at 1A



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