□ Chubb Fireseeker CA & CAI

Fire Systems

Prevent Fire | Detect Fire | Contain Fire | Escape Fire



System Benefits

Fireseeker CA & CAI intelligent analogue addressable devices are compatible with Controlmaster fire control panels. Each detector combines proven reliability and high performance with an aesthetically pleasing low profile design.

- Robust, proven digital communications protocol
- 360° visability in alarm
- Simple anti-tamper locking detector base mechanism
- Fast identification of alarm with coded addressing card
- Environmentally friendly multi-sensor technology
- Drift compensation to maintain performance despite contamination
- Comprehensive range of loop interface units



Chubb Fireseeker CA & CAI

Product Range



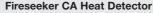
Fireseeker CA Ionisation Smoke Detector

Sensitive to invisible smoke particles produced by rapidly burning fires of a carbonacaeous nature

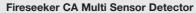


Fireseeker CA Optical Smoke Detector

Sensitive to larger smoke particles produced by smouldering fires



Generally used in locations where smoke detectors may prove unsuitable owing to environmental conditions such as steam or



Provides smoke and heat sensing within one housing unit and is particularly useful over a wide range of fire risk applications



A common base allows detector interchangability

CA Short Circuit Isolating Detector Base

Can be used instead of the standard base and

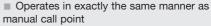




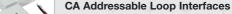
Units activated simply by applying pressure to the laminated break glass

senses and isolates short circuit cable faults on

Weatherproof Addressable Manual Call Point

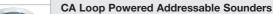


Can be used in the most severe environmental conditions without water ingress



loops and spurs

Enables fire protection systems to be engineered simply and effectively without the need for custom designed equipment



Available as a low profile loop powered sounder or stand-alone high output sounder Designed to comply with BS5839

Fireseeker CAI Intrinsically Safe Detectors

Designed to operate at low power to prevent ignition, in potentially explosive environments





Technical Data Fireseeker Fireseeker Fireseeker Fireseeker Fireseeker Fireseeker Fireseeker Fireseeker **CA High** CAI Optical Ionisation Heat Temp Heat Multi Optical Ionisation Heat Detector Detector Detector Detector Sensor Detector Detector Detector Supply Voltage (VDC) 17 - 28 17 - 28 17 - 28 17 - 28 14 - 28 14 - 22 14 - 22 14 - 22 **Current Consumption** Quiescent current (ma) 340 280 310 310 500 340 300 300 Alarm current (ma) 2 2 3.5 2 Alarm indication Clear I FD Red LFD Red LFD Red LFD Clear LED Red LFD Red LFD Red LED red in alarm red in alarm Digital transmission Yes Yes Yes Yes Yes Yes Yes Yes **Physical** 100 100 100 Diameter 100 100 100 100 100 Height with base (mm) 50 50 50 50 58 50 50 50 Weight (grams) 105 105 105 105 105 105 105 105 White White White White White White White White Colour Case material Polycarbonate Polycarbonate Polycarbonate Polycarbonate Polycarbonate Polycarbonate Polycarbonate **Environment** Operating Temp (°C) -20 to + 60-20 to + 60 -20 to + 70 -20 to + 120 -20 to + 60-20 to + 40-20 to + 40-20 to + 40Humidity non-condensing 0% to 95% @40°C Unaffected Unaffected Unaffected Max wind speed (m/s) Unaffected Unaffected Unaffected Radioactive source N/A Americium 241 N/A N/A N/A N/A Americium 241 N/A I/P Rating 43 43 53 53 43 43 43 53 **Approvals** Approvals standard EN54-7 EN54-7 EN54-5 EN54-5 EN54-7 EN54-7 EN54-7 EN54-5 LPCB approved Yes Yes Yes Yes Yes Yes Yes Yes F850251N F850252N F850253N F850309N Part Numbers F850278N F850505N F850308N F850307N

Chubb Fire, helping you to:

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call 0800 32 1666 or visit www.chubb.co.uk



FPS121/06/03