

Chubb Fireseeker CA & CAI

Fire Systems

Prevent Fire | Detect Fire | Contain Fire | Escape Fire

Product

Fireseeker CA & CAI Intelligent Addressable Fire Detectors



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° visibility 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 carbonaceous nature



Fireseeker CA Optical Smoke Detector

- Sensitive to larger smoke particles produced by smouldering fires



Fireseeker CA Heat Detector

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



Fireseeker CA Multi Sensor Detector

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

CA Standard Detector Base

- A common base allows detector interchangeability

CA Short Circuit Isolating Detector Base

- Can be used instead of the standard base and



senses and isolates short circuit cable faults on loops and spurs

Fireseeker CA Addressable Manual Call Point

- Units activated simply by applying pressure to the laminated break glass



Weatherproof Addressable Manual Call Point

- Operates in exactly the same manner as manual call point
- Can be used in the most severe environmental conditions without water ingress



CA Addressable Loop Interfaces

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



CA Loop Powered Addressable Sounders

- 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 CA Optical Detector	Fireseeker CA Ionisation Detector	Fireseeker CA Heat Detector	Fireseeker CA High Temp Heat Detector	Fireseeker CA Multi Sensor	Fireseeker CAI Optical Detector	Fireseeker CAI Ionisation Detector	Fireseeker CAI Heat Detector
Power								
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)	4	2	2	2	3.5	4	2	2
Alarm indication	Clear LED red in alarm	Red LED	Red LED	Red LED	Clear LED red in alarm	Red LED	Red LED	Red LED
Digital transmission	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Physical								
Diameter	100	100	100	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
Colour	White	White	White	White	White	White	White	White
Case material	Polycarbonate	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 + 40
Humidity non-condensing @40°C	0% to 95%	0% to 95%	0% to 95%	0% to 95%	0% to 95%	0% to 95%	0% to 95%	0% to 95%
Max wind speed (m/s)	Unaffected	10	Unaffected	Unaffected	Unaffected	Unaffected	10	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
Part Numbers	F850251N	F850252N	F850253N	F850278N	F850505N	F850308N	F850307N	F850309N

Chubb Fire, helping you to:
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call 0800 32 1666 or visit www.chubb.co.uk

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