

Chubb Fireseeker CHX

Fire Systems

Prevent Fire | Detect Fire | Contain Fire | Escape Fire

Product

Fireseeker CHX Intelligent Analogue Addressable Fire Detectors



System Benefits

The Fireseeker CHX range of intelligent analogue addressable devices are compatible with the Chubb Controlmaster range of fire control panels. CHX detectors are particularly useful for installations where it is desirable to set different sensitivity characteristics at different times of day because of changes in the environment. Each detector within the CHX range has been designed to provide an aesthetically pleasing modern low profile shape and makes use of:

- **Environmental Friendly Technology**
Enabling the multisensor and optical sensors to be equally sensitive to a much wider range of combustible materials.
- **Enhanced Digital Systems Protocol (EDSP)**
Providing a common communications platform for future integrated systems EDSP has many unique features, including a very high level of data security.
- **Common Detector Base**
A common mounting base allows detector interchangeability and maintains loop continuity when detectors are removed.

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Product Range



Fireseeker CHX Heat Detector

The Fireseeker CHX Range Heat Detector provides accurate temperature measurement data to the fire control panel.



Fireseeker CHX Optical Smoke Detector

Suitable for general applications but are much more sensitive to a wider range of smoke particles produced by smouldering and rapidly burning fires.



Fireseeker CHX Ionisation Smoke Detector

Suitable for general applications but are particularly sensitive to invisible smoke particles produced by rapidly burning flaming fires of a carbonaceous nature.



Fireseeker CHX Multi-Sensor Detector

Provides smoke and heat sensing within one housing. Primarily for use in environments where neither smoke or heat singularly covers the fire requirements.



Fireseeker CHX Loop Powered Addressable Sounder

Includes an integral base and is compatible with any of the Fireseeker CHX detectors.



Fireseeker CHX Short Circuit Isolator Base

The Short Circuit Isolator Base is compatible with any of the Fireseeker CHX detectors.



Fireseeker CHX Addressable Sounder / Isolator Cover

Fits both the Fireseeker CHX Powered sounder and the Short Circuit Isolator base, if a detector is not fitted.



Fireseeker CHX Addressable Manual Call Point

The addressable manual call points are designed for maximum reliability, ease of use and safety.

Fireseeker CHX Weatherproof Addressable Manual Call Point

Features a Weatherproof Housing to IP67 which means it can be mounted in the most severe environmental conditions without water ingress.

Fireseeker CHX Special Bases

Two special addressable bases are available. These bases allow conventional detectors from the Fireseekers ZHX range to be fitted on the analogue addressable loop.

Remote Detector Indicator

Provides valuable reduced search time when investigating the source of an alarm signal.

Technical Data

	CHX Optical Detector	CHX Ionisation Detector	CHX Heat Detector	CHX Multi Sensor	CHX Addressable Sounder Base	CHX Short Circuit Isolator Base
Power						
Supply Voltage (VDC)	17 - 41	17 - 41	17 - 41	17 - 41	17 - 41	17 - 41
Current Consumption						
Quiescent current - Low power mode (micro amps)	120	140	120	N/A	40	N/A
Quiescent current - Normal mode (micro amps)	310	350	350	450	220	60
Alarm current (mA)	9.1	9.1	9.1	9.1	3 @ 85dBA	N/A
Alarm indication	Clear LED, red in alarm	Clear LED, red in alarm	Clear LED, red in alarm	Clear LED, red in alarm	N/A	Clear LED, Yellow when isolating
Physical						
Diameter	100	100	100	100	100	100
Height with base (mm)	46	52	48	48	30	10
Weight (grams)	95	115	90	100	200	85
Colour	White	White	White	White	White	White
Case material	ABS	ABS	Polycarbonate	ABS	ACS	ABS
Environment						
Operating Temp (°C)	-10 to + 50	-10 to + 50	-10 to + 50	-10 to + 50	-10 to + 50	-10 to + 50
Humidity non-condensing @40°C	95% RH	95% RH	95% RH	95% RH	95% RH	95% RH
Max wind speed (m/s)	N/A	10 m/s	N/A	N/A	N/A	N/A
Radioactive source	N/A	Americium 241	N/A	N/A	N/A	N/A
I/P Rating	42	42	43	22	22	64
Approvals						
Approvals standard	EN54-7	EN54-7	EN54-5	EN54-7 & 5 CEA	N/A	CEA
LPCB approved	Yes	Yes	Yes	Yes	N/A	Yes
Part Numbers	F850344N	F850345N	F850346N	F850499N	F850443N	F850500N

Chubb Fire, helping you to:

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Call **0800 32 1666** or visit www.chubb.co.uk

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