⸬ Chubb Fireseeker ZHX

Fire Systems

Prevent Fire | **Detect Fire** | Contain Fire | Escape Fire

⸬ Product

Fireseeker ZHX Conventional Fire Detectors

⸬ System Benefits

The Fireseeker ZHX range of conventional fire detectors are compatible with the Chubb Zonemaster conventional range of control panels. Each detector within the ZHX range has been designed to provide an aesthetically pleasing modern low profile shape. The range benefits from:

- ■ **High reliability and suitable for use in a wide range of environments**

- ■ **Protection against contamination and insect ingress**

- ■ **Twin fire condition LED indicators provide 360° visibility**

- ■ **A common mounting base for detector interchangability**

- ■ **Simple detector anti-tamper locking base mechanism**

- ■ **European approvals**

- ■ **LPCB approval**

⊂ Chubb

⠿ Chubb Fireseeker ZHX

⠿ Applications

Fireseeker ZHX Optical Smoke detector

- Designed using the unique 'Environmental Friendly Technology', enabling the detector to be equally sensitive to a much wider range of combustable materials
- Utilises the light scatter sensing principle for detecting smoke
- Suitable for use in environments where traditionally optical and ionisation detectors have been installed
- System design is easier and overcomes cleaning and disposal problems associated with ionisation detectors

Fireseeker ZHX Ionisation Smoke Detector

- Utilises the dual chamber, single source principle to provide optimum response to smoke
- Suitable for general applications but particularly sensitive to invisible smoke particles produced by rapidly burning flaming fires of a carbonaceous nature

Fireseeker ZHX Heat Detectors

- The Heat Detector is used where high ambient temperatures exist in environments such as boiler and drying rooms and where Smoke Detectors are unsuitable because of the presence of steam or cooking fumes such as in a kitchen

Fireseeker ZHX Detector Bases

- The range of Fireseeker ZHX Bases is designed to allow Line Continuity and Remote Detector Indicator functions
- Line Continuity bases are used to maintain line continuity once a detector has been removed from its base thus allowing manual call points and detectors to generate a fire condition
- When a remote detector indicator is connected to the base the remote Indicator will mimic the fire LEDs on the detector, particularly useful when the detectors are mounted beneath false floors or above false ceilings

⠿ Technical Data

	ZHX Optical	ZHX Ionisation	ZHX Fixed Heat (60°)	ZHX Heat (Grade1) (60°)	ZHX Heat (Grade2) (60°)	ZHX Fixed Heat (60°)	ZHX Heat (Range 1) (60°)
Power							
Supply Voltage (VDC)	15 - 30	15 - 30	15 - 30	15 - 30	15 - 30	15 - 30	15 - 30
Current Consumption							
Quiescent current (micro amps)	35	35	35	35	35	35	35
Alarm current (ma)	40	40	40	40	40	40	40
Alarm indication	Clear Red in alarm	Clear Red in alarm	Red	Clear Red in alarm	Clear Red in alarm	Red	Clear Red in alarm
Physical							
Diameter	100	100	100	100	100	100	100
Height with base (mm)	46	52	48	48	48	46	46
Weight (grams)	95	95	95	95	95	95	95
Colour	White	White	White	White	White	White	White
Case material	ABS	ABS	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
Environment							
Operating Temp (°C)	-10 to + 50	-10 to + 50	-10 to + 50	-10 to + 50	-10 to + 50	-10 to + 50	-10 to + 50
Humidity non-condensing	95% RH	95% RH	95% RH	95% RH	95% RH	95% RH	95% RH
Max wind speed (m/s)	N/A	10	N/A	N/A	N/A	N/A	N/A
Diposable Chamber	Yes	N/A	N/A	N/A	N/A	N/A	N/A
Radioactive source	N/A	Americium 241	N/A	N/A	N/A	N/A	N/A
Upper Temp Limit (°C)	42	42	63	63	63	63	63
Approvals							
Approvals standard	EN54-7	EN54-7	EN54-5	EN54-5	EN54-5	EN54-8	EN54-8
LPCB approved	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Part Numbers	F850379N	F850378N	F850383N	F850809N	F850381N	F850384N	F850382N

Detector Base/Manual Call Point Ordering information

	Part Numbers
Detector base for use with Zonemaster 200 series panels (Includes remote LED output)	F850463N
Detector base for use with Zonemaster 100 series panels (No remote LED output)	F850464N
Detector base for use with Zonemaster 100 series panels (Includes remote LED output)	F850465N
Active end of line unit for use with Zonemaster 100 series panels	F850290N
Remote Detector Indicator	F3190067N
Manual Call Point for use with Zonemaster 200 series panels*	F850151N
Manual Call Point for use with Zonemaster 100 series panels*	F850048N
Weatherproof Call Point for use with Zonemaster 200 series panels	F850207N
Weatherproof Call Point for use with Zonemaster 100 series panels	F850067N

*Requires the use of a surface or flush mounting kit

Chubb Fire, helping you to:

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

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