

# Chubb Fireseeker ZA

## Fire Systems

Prevent Fire | Detect Fire | Contain Fire | Escape Fire

### Product

## Fireseeker ZA Conventional Fire Detectors



### System Benefits

The Fireseeker Range of conventional fire detectors are compatible with Chubb Zonemaster fire control panels. The range comprises of ionisation, integrating ionisation and optical smoke detectors and four grades of heat detector. Each detector has been designed to provide an aesthetically pleasing modern low profile shape.

- Suitable for use in a wide range of environments
- Protection against contamination and insect ingress
- Common mounting base for detector interchangeability
- Simple detector anti-tamper locking base
- Enhanced performance utilising ASICs (Application Specific Chips) for increased reliability
- An external light emitting diode (LED) to provide a visual indication that the device is in alarm condition
- Worldwide approvals

# Chubb Fireseeker ZA

## Product Range



### Fireseeker ZA Ionisation Smoke Detector

- Suitable for general applications
- Sensitive to invisible smoke particles produced by rapidly burning fires of a carbonaceous nature



- An integrating ionising detector, suitable for use in areas where transient high levels of smoke may be expected, is also available

### Fireseeker ZA Optical Smoke Detector

- Suitable for general applications
- Sensitive to larger smoke particles produced by smouldering fires
- Ideal for detecting the optically dense smoke produced by man made materials



### Fireseeker ZA Combined Rate of Rise and Fixed Heat Detectors

- For use where smoke detectors may prove to be unsuitable owing to environmental conditions
- Ideal for use in locations such as kitchens, boiler rooms, laundries etc.



### Manual Call Point

- Designed for maximum reliability, ease of use and safety
- Units activated simply by applying pressure to the laminated break glass
- A range of surface and flush mounting kits are available



### Weatherproof Manual Call Point

- Operates in exactly the same manner as manual call point
- Weatherproof housing to IP67 allows mounting in the most severe environmental conditions without water ingress

## Technical Data

	Optical Smoke Detector	Ionisation Smoke Detector	Integrating Ionisation Detector	Class A1R Rate of Rise Heat	Class BR Rate of Rise Heat	Class CR Rate of Rise Heat	Class CS Static Response Heat
<b>Power</b>							
Supply Voltage (VDC)	9 - 33	9 - 33	9 - 33	9 - 33	9 - 33	9 - 33	9 - 33
<b>Current Consumption</b>							
Quiescent current (micro amps)	45	28	28	45	45	45	45
Alarm current (milli-amps)	52	52	52	52	52	52	52
Alarm indication	Clear LED, Red in alarm	Red LED	Red LED	Red LED	Red LED	Red LED	Red LED
<b>Physical</b>							
Diameter (mm)	100	100	100	100	100	100	100
Height with base (mm)	50	50	50	50	50	50	50
Weight (grams)	99	102	102	80	80	80	80
Colour	White	White	White	White	White	White	White
Case material	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate	Polycarbonate
<b>Environment</b>							
Normal Operating Temperature (°C)	-20 to +60	-20 to +60	-20 to +60	-20 to +90	-20 to +90	-20 to +90	-20 to +90
Humidity (Non-condensing)	0% to 95%	0% to 95%	0% to 95%	0% to 95%	0% to 95%	0% to 95%	0% to 95%
Max. Continuous Wind speed (m/s)	Unaffected	10	10	Unaffected	Unaffected	Unaffected	Unaffected
Radioactive source	N/A	Ami241	Ami241	N/A	N/A	N/A	N/A
I/P Rating	43	43	43	54	54	54	54
Upper Temp. Limit (°C)	N/A	N/A	N/A	65	85	100	100
<b>Approvals</b>							
Approvals standard	EN54 Part 7	EN54 Part 7	EN54 Part 7	EN54 Part 5/8	EN54 Part 5/8	EN54 Part 5/8	EN54 Part 5/8
LPCB approved	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vds approved	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Part Numbers	F850673N	F850674N	F850680N	F850675N	F850677N	F850678N	F850679N

Chubb Fire, helping you to:

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call **0800 32 1666** or visit [www.chubb.co.uk](http://www.chubb.co.uk)

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