Fire, Carbon Monoxide Alarms + Accessories

Context Plus

Need more info?
Call us on +44 161 2572541
e-mail: xportsales@xportsales.com web:www.contextplus.co.uk

3000 Series

Mains Operated Smoke and Heat Alarms with Rechargeable Lithium battery

Product Description

The new 3000 Series provides whole property coverage from one series. This technologically advanced series detects both Fire and Carbon Monoxide (CO), ensuring your whole property is protected.

- **Mains powered** with a 10 year rechargeable Lithium cell back-up
- **Real time local data extraction** using AudioLINK™
- All alarms in the series fit on easi-fit bases
- **Combined test/silence button**
- **5 year guarantee**
- **3rd party BSI accredited**
- **Made in Ireland**

Optical Alarm Ei3016

BS EN 14604:2005
KM552831

Optical Alarm
(Single Sensor)

Intelligent dust compensation and insect mesh shield for reduction of false alarms

Heat Alarm Ei3014

BS 5466-2:2003
KM83678

Heat Alarm
(Single Sensor)

Fast response thermistor (triggers at 58°C)

Multi-Sensor Alarm Ei3024

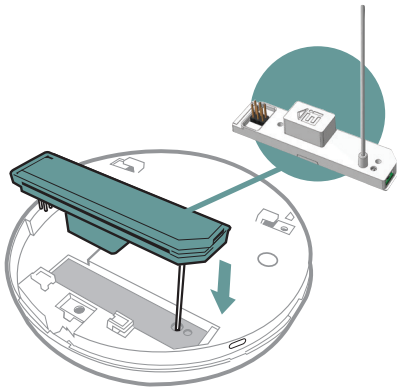
BS EN 14604:2005
KM552831

Fire Alarm
(Multi-Sensor)

The alarm provides total coverage to all fire types by actively monitoring both sensors. If a temperature rise is detected, the intelligent alarm software increases its sensitivity to smoke, detecting the fire quicker and more accurately.

Wireless Communication

Upgrade for Wireless Communication Ei3000MRF



140RC Series

Mains Operated Smoke & Heat Alarms with Replaceable Alkaline battery

The alarms feature Remote Control functionality and are fully compatible with our extensive range of control accessories.

The easi-fit design makes for simple and quick installation.

Up to 12 alarms can be interconnected to ensure early detection and warning. When one alarm senses fire all the alarms will sound.

There is also the possibility of wireless interconnection when the alarms are fitted on an Ei168RC wireless base.

Series Features:

- 200 - 250VAC mains power
- Replaceable alkaline battery back up
- Built-in Test/Silence button
- Easi-fit base
- Remote Test + Control
- Third party certified by BSI
- 5 year guarantee
- Interconnect up to 12 units

Optical Alarm Ei146RC

BS EN 14604:2005
KM552831

- This optical alarm detects all fire types but is especially sensitive to visible smouldering fires
- Proven optical sensor chamber
- Built-in mesh screen to reduce insect and dust contamination

Heat Alarm Ei144RC

BS 5466-2:2003
KM83678

- Recommended for use in kitchens and garages where smoke alarms may be prone to nuisance alarms from cooking fumes, dust, etc.
- Heat sensor triggers at 58°C

Ionisation Alarm Ei141RC

BS EN 14604:2005
KM552831

- This ionisation alarm detects all fire types but is especially sensitive to fast flaming fires
- Proven ionisation smoke chamber

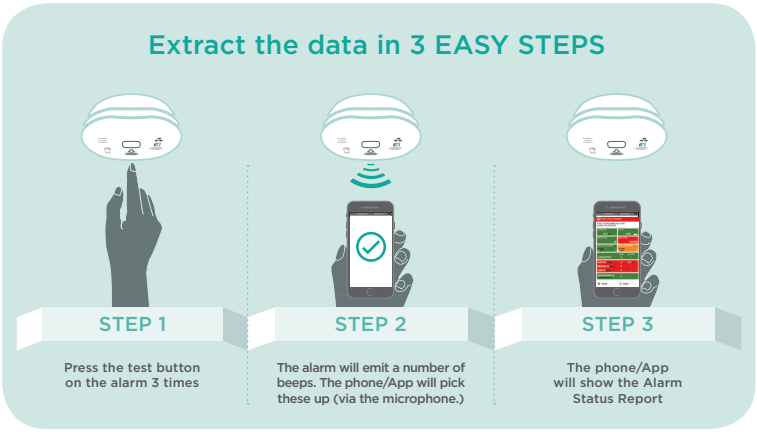
Wireless Communication

Upgrade for Wireless Communication Ei168RC Base

AudioLINK™

Award winning AudioLINK technology makes it easy to get real time data from alarms – saving lives, money and time.

All you need is an AudioLINK enabled alarm, a smartphone or tablet and the free AudioLINK app.



The Alarm Status Report

- Alarm activations
- Sensor status
- Record of testing
- Carbon Monoxide (CO) levels from CO alarms
- Background CO levels from CO alarms
- Advice on dust levels from the Multi-Sensor Fire Alarm
- Plus all this information can be emailed directly from a phone or tablet

AudioLINK™ Seamless Data Extraction

RadioLINK®

RadioLINK uses Radio Frequency for wireless interconnection making installation quicker and easier.

- Eliminates tricky wiring runs
- Saves time and disruption
- Supports RadioLINK accessories

Ei168RC

Ei3000MRF

RF Switched Input Module (Ei408)

The Ei408 sounds all the Alarms in an Ei Electronics RF system when it is activated by an external device

RF Panel Interface (Ei413)

The Ei413 enables the wireless connection of an Ei Electronics RF system to a security or fire panel system. It connects to the panel for its low voltage power supply (11-30V DC)

RF Alarm Controller (Ei450)

The Ei450 is a RadioLINK battery powered single button Alarm Controller designed to be used with Fire and CO Alarm Systems

RF Relay (Ei428)

The Ei428 triggers external devices as its relay activates when it receives an alarm signal from a compatible Ei Electronics device

System Solutions

Hard Wired Relay Solution

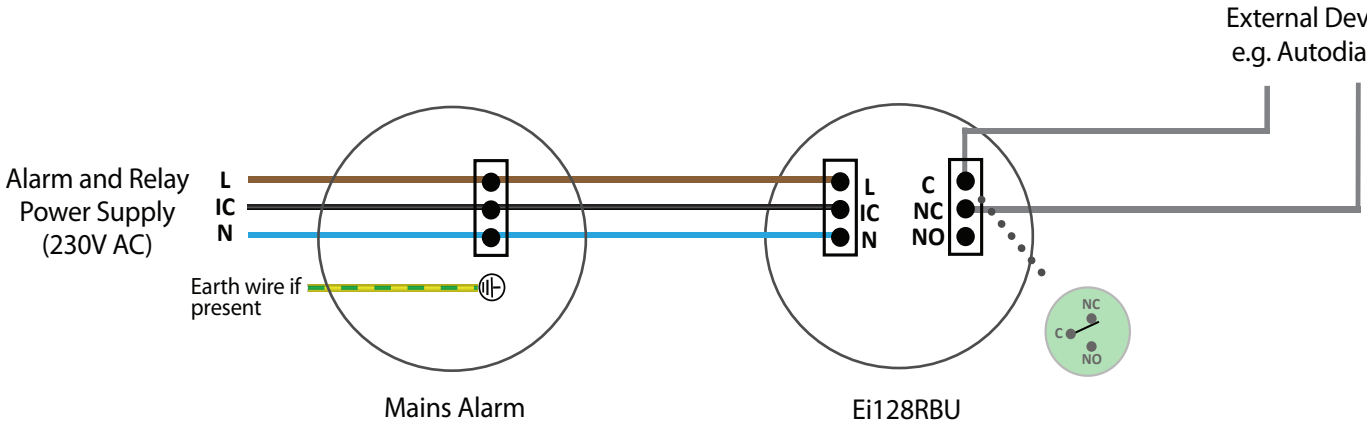
The Ei128 series relay output modules has been designed specifically to operate with mains operated Ei Electronics Smoke and Heat Alarms. It has an integral relay that is activated when the Smoke/Heat Alarm connected to the Ei128 enters alarm mode.

The relay contacts are isolated and are rated at 250VAC, 5A resistive, and can be used for remote signaling, turning on lights and sirens or activating door release devices etc.

The Ei128 Module is designed to be used with the Easi-Fit Smoke and Heat Alarms. The Relay may also be sited remotely from the alarm.

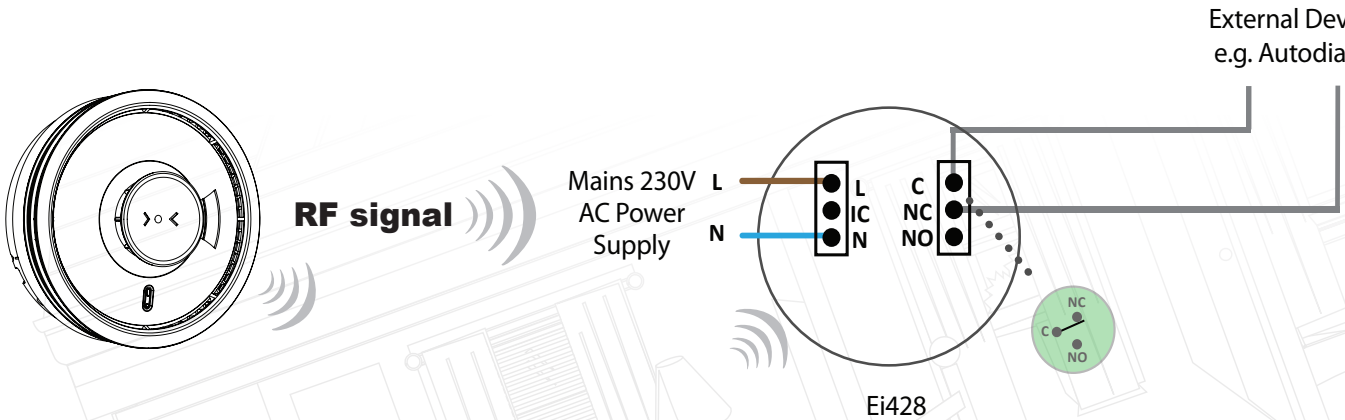
The Ei128 module has an internal switch that selects Pulse or Continuous mode of operation of the relay.

The Ei128RBU model has a rechargeable lithium battery back-up to ensure operation during mains power failure



RadioLINK Relay Solution

The Ei428 Relay switches upon receipt of an alarm signal from a compatible Ei devices. The electrically isolated contacts can be used for many applications such as signaling, turning on lights, strobes etc. It is powered by 230VAC mains and has a rechargeable battery backup. The battery backup provides power supply for up to 2 months in case of mains failure. The Ei428 relay is primarily designed to work with RF devices, but for additional flexibility it can also be used with hard wired interconnect systems.It uses advanced radio transceiver technology with unique software coding to transmit, receive and repeat the RadioLINK RF protocol. This ensures a robust "mesh" of RF signals and reliable paths of communication. The house coding feature confines the RF communication to designated devices only, thereby avoiding the inadvertent activation of neighbouring alarm RF systems.

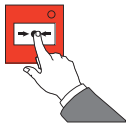


Hardwired Accessories

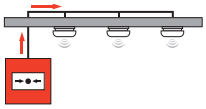
MCP401RC Manual Call Point

- For use with hardwired Fire Alarms
- Manual activation of the alarm system
- 200 - 250VAC power

An occupant sees a fire before the alarms have activated



The occupant presses the Manual Call Point

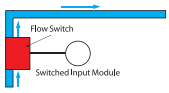


The Manual Call Point sends a hard-wired interconnect signal and all the alarms sound

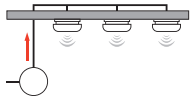
Ei129 Switched Input Module

- For use with hardwired Fire Alarms
- Activates alarm system on detection of an external event, e.g. activated sprinkler system
- 200 - 250VAC power with rechargeable back-up battery

A fire starts which activates a sprinkler



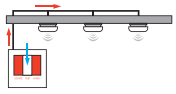
The Sprinkler Flow Switch triggers the Switched Input Module



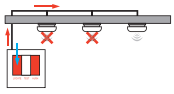
The Switched Input Module sends a hard-wired signal to the alarms and they sound

Ei1529RC Alarm Control Switch

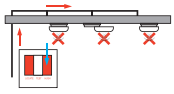
- Test, Locate and Silence from one point
- For use with hardwired Fire Alarms
- 200 - 250VAC power



Press the Test Button to test the system



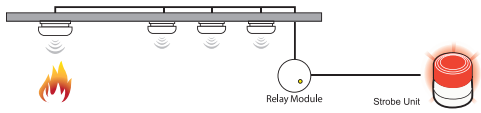
Pressing the Locate button will silence all alarms except the one that triggered the sytstem



Pressing the Silence button will silence all alarms in the sytstem

Ei128R & Ei128RBU Relay Modules

- For use with hardwired Fire Alarms
- Activates external devices, e.g. Auto-diallers, Sirens, Strobe Lights, etc.
- 200 - 250VAC power
- 10 year rechargeable backup (Ei128RBU only)



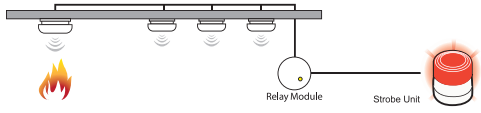
A fire starts & the Smoke/Heat Alarm is triggered

A wired alarm signal is sent to the Ei128

The Ei128 activates the external device

SAB300 Remote Strobe Light.

- 200 - 250VAC power supply
- SAB300R - Red Light
- SAB300C - Clear Light
- Flash Rate 0.9Hz
- IP65



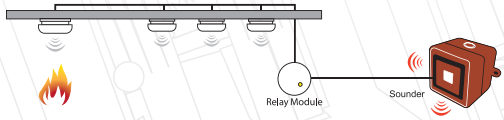
A fire starts & the Smoke/Heat Alarm is triggered

A wired alarm signal is sent to the Ei128

The Ei128 activates the external device

YO3 Remote Siren

- 200 - 250VAC power supply
- Internal or External use
- 500Hz to 2900Hz frequency Range



A fire starts & the Smoke/Heat Alarm is triggered

A wired alarm signal is sent to the Ei128

The Ei128 activates the external device

Ei100 Series

Battery Operated Smoke and Heat Alarms

BS EN 14604:2005
KM552831

Key Features

- 9V Replaceable battery
- Battery removed indicator
- Built-in sounder
- Test Button
- Low battery indication
- 5 Year Guarantee

Model	Type	Power	Additional Feature	Standards
Ei100B	Ionisation	9V Replaceable	Extra sensitive to fast flaming fires	EN14604
Ei100L	Ionisation	9V Replaceable	with emergency escape light	EN14604
Ei100S	Ionisation	9V Replaceable	with hush button for nuisance alarms	EN14604
Ei105B	Optical	9V Replaceable	Extra sensitive to slow smouldering fires	EN14604

Ei100 Series Technical Data

Battery:	9V Replaceable
Sound Level:	85 dB(A) at 3 meters
Temperature:	Operang - 0 to 40°C
Storage:	0 to 35°C (in a dry area)
Humidity Range:	15% to 95% R.H. non condensing
Button Test:	Simulates the effect of smoke and checks chamber, electronics and horn
Plasc material:	UL94 HB
Dimensions:	Product - 140mm x 120mm x 45mm Package - 145mm x 130mm x 50mm
Weight:	215g (Incl. Pkg.)
Warranty:	5 year (limited) warranty

Ei650i Series
Battery Operated Smoke and Heat Alarms

Ei650i Smoke Alarm

VdS
EN14604:
2005
G211009

AudioLINK™

- Optical Smoke Alarm
- 10 year lithium battery
- Large Test + Hush Button
- Automatic dust compensation to minimise nuisance alarms
- 3rd party certified to EN14604

Ei650iC Smoke Alarm

VdS
EN14604:
2005
G211009

AudioLINK™

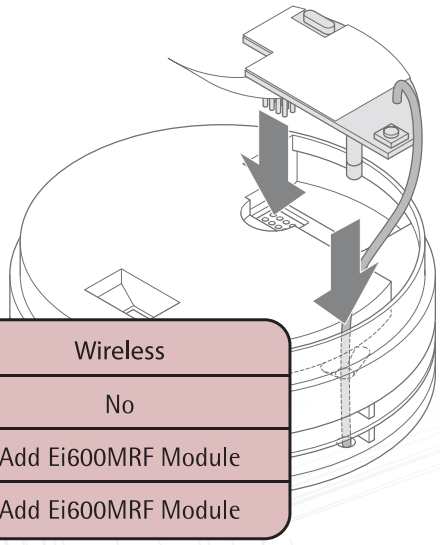
- Optical Smoke Alarm
- 10 year lithium battery
- Large Test + Hush Button
- Hardwire interconnect up to 12 alarms
- Automatic dust compensation to minimise nuisance alarms
- 3rd party certified to EN14604

Ei603TYC Heat Alarm

BS 5446-2
2003
KM86596

- Heat Alarm
- 10 year lithium battery
- Large Test + Hush Button
- 3rd party certified to BS 5446-2

Upgrade for Wireless Communication
Ei600MRF Module



Model	Power	Wired Interconnect	Wireless
Ei650i	10 Year Lithium	No	No
Ei650iC	10 Year Lithium	Yes	Add Ei600MRF Module
Ei603TYC	10 Year Lithium	Yes	Add Ei600MRF Module

* Ei650i is a stand alone option with no wired or wireless interconnect possible

Ei600 Series

Battery Operated Smoke and Heat Alarms

Ei605 Smoke Alarm

- Optical Smoke Alarm
- Replaceable alkaline battery
- Large Test + Hush Button
- 3rd party certified to EN14604

Ei605C Smoke Alarm

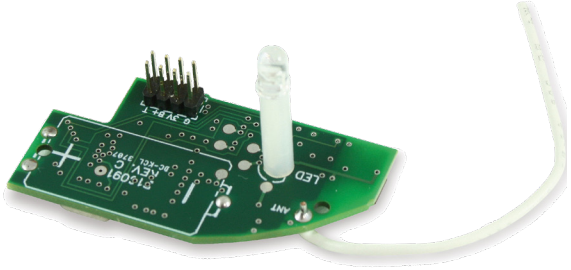
- Optical Smoke Alarm
- Replaceable alkaline battery
- Large Test + Hush Button
- Hardwire interconnect up to 12 units
- 3rd party certified to EN14604

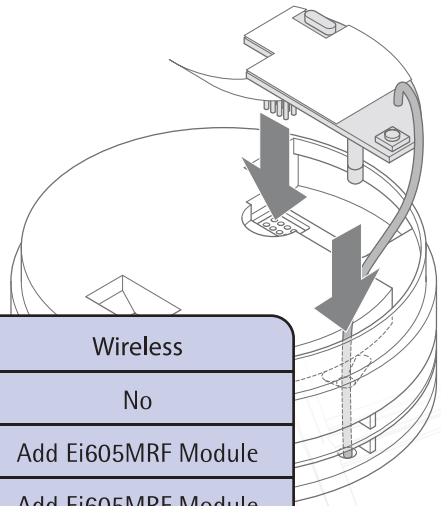
Ei603C Heat Alarm

- Heat Alarm
- Replaceable alkaline battery
- Large Test + Hush Button
- Hardwire interconnect up to 12 units
- 3rd party certified to BS 5446-2

Upgrade for Wireless Communication

Ei605MRF Module





Model	Power	Wired Interconnect	Wireless
Ei605*	Powered by Alarm	No	No
Ei605C	Powered by Alarm	Yes	Add Ei605MRF Module
Ei603C	Powered by Alarm	Yes	Add Ei605MRF Module

* Ei605 is a stand alone option with no wired or wireless interconnect possible

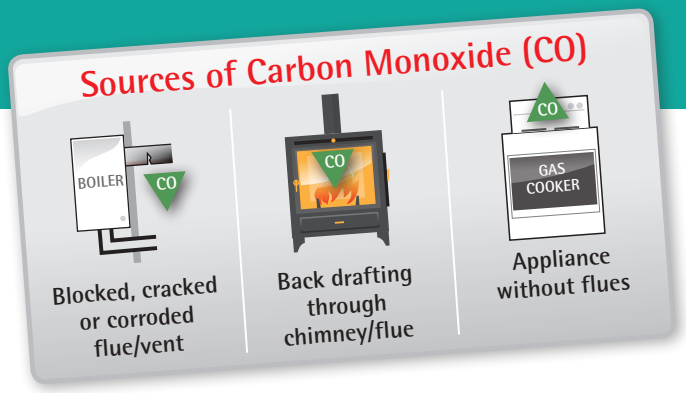
3000 Series

Mains Operated CO Alarms with Rechargeable Lithium battery

Carbon Monoxide (CO) is a killer. It's a toxic gas that has no taste, smell or colour – it's impossible for human senses to tell that it's there.

Exposure to low levels of CO can result in flu like symptoms, causing headaches, drowsiness and nausea. High levels can kill within minutes.

CO is produced by incomplete combustion, so it can come from any fuel burning appliance.



CO Alarm Ei3018

BS EN 50291 :2010
KM86596

CO Alarm
(Single Sensor)

Contains our proven electro-chemical sensor and for the first time, this CO alarm fits on our Easi-Fit base.

Heat & CO Alarm Ei3028

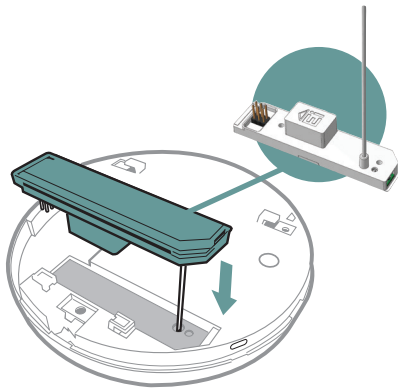
BS EN 50291 :2010
KM86596

Heat & CO Alarm
(Multi Sensor)

The alarm contains our tried and tested thermistor heat sensor and our proven electrochemical CO sensor, providing protection from both Fire and CO.

Wireless Communication

Upgrade for Wireless Communication Ei3000MRF



STOP THE KILLER

CARBON MONOXIDE
THE SILENT KILLER

Carbon Monoxide kills.

You can't smell it, see it or taste it.
But you can hear it – Fit Alarms Now!

Ei208 Series

Battery Operated Carbon Monoxide (CO) Alarms

Ei208W - Battery Alarm

BS EN50291-2: 2010
BS EN50291-1: 2010
KM86596

- 10 year lithium battery
- 10 Year Sensor Life
- Memory feature indicates last recorded CO level
- Large, easy-to-use test button
- Wireless interconnect option
- Wireless Remote Control option

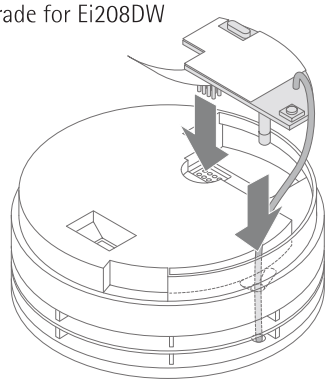
Ei208DW - Battery Alarm with Display

BS EN50291-2: 2010
BS EN50291-1: 2010
KM86596

- 10 year lithium battery
- Digital display shows level of CO detected and other warning messages
- 10 Year Sensor Life
- Memory feature indicates last recorded CO level
- Large, easy-to-use test button
- Wireless interconnect option
- Wireless Remote Control option

Ei200MRF Wireless Communication

- Wireless upgrade for Ei208W
- Wireless upgrade for Ei208DW



Ei207 Series

Battery Operated Carbon Monoxide (CO) Alarms

Ei207 Battery Alarm

BS EN50291-2: 2010
BS EN50291-1: 2010
KM86596

- 9V Replaceable battery
- Large, easy-to-use test button
- Easy to install
- Loud, distinctive alarm – 85dBA at 3 metres
- Memory feature indicates last recorded CO level
- Third Party certified by BSI

Ei207D Battery Alarm

BS EN50291-2: 2010
BS EN50291-1: 2010
KM86596

- 9V Replaceable battery
- Large, easy-to-use test button
- Digital display shows level of CO detected and other warning messages
- Easy to install
- Loud, distinctive alarm – 85dBA at 3 metres
- Memory feature indicates last recorded CO level
- Third Party certified by BSI

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Made in Ireland

Ei Electronics® fire + gas detection