

EC-Certificate of Conformity

Certificate No. 0086-CPD-537430

In compliance with the Directive 89/106/EEC of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to construction products (the Construction Products Directive or CPD), as later amended, it has been stated that the construction product

Smoke Alarm Devices

as detailed on the Supplementary Information Sheets

placed on the market by

Ei Electronics

Shannon Industrial Estate, Shannon, County Clare, Ireland

and produced in the factory

Ei Electronics

Shannon Industrial Estate, Shannon, County Clare, Ireland

is submitted by the manufacturer to a factory production control and that the notified body 0086 British Standards Institution has performed the initial type-testing for the relevant characteristics of the product, the initial inspection of the factory and of factory production control and performs the continuous surveillance, assessment and approval of factory production control.

This certificate attests that all provisions concerning the attestation of conformity and the performances described in Annex ZA of the standard(s)

EN 14604: 2005 + AC1: 2008 

were applied and that the product fulfils the prescribed requirements.

This certificate was first issued on 18 August 2008 and remains valid as long as the conditions laid down in the harmonised standard in reference or the manufacturing conditions in the factory or the FPC itself are not modified significantly.

For and on behalf of BSI, a Notified Body for the above Directive (Notified Body Number 0086).



Gary Fenton, Global Assurance Director

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This certificate remains valid as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory or the factory product control itself are not modified significantly.

Certificate

SUPPLEMENTARY INFORMATION SHEET

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Ei Electronics

Product Information

MAINS POWERED SMOKE ALARMS CIRCULAR UNITS

Model Reference	Type
Ei161	Easi-Fit Ionisation Smoke Alarm with Rechargeable Lithium Battery Back-up
Ei161R	Easi-Fit Ionisation Smoke Alarm with Rechargeable Lithium Battery Back-up, Remote Test and Remote Alarm Silence Function
Ei161RC	Easi-Fit Ionisation Smoke Alarm with Rechargeable Lithium Battery Back-up, Remote Test and Remote Alarm Silence Function
Ei140	Easi-Fit Standard Ionisation Smoke Alarm
Ei141	Easi-Fit Ionisation Smoke Alarm with 9V Primary Battery Back-up
Ei141RC	Easi-Fit Ionisation Smoke Alarm with 9V Primary Battery Back-up, Remote Test and Alarm Silence Function
Ei145	Easi-Fit Standard Photoelectric Smoke Alarm
Ei146	Easi-Fit Photoelectric Smoke Alarm with 9V Primary Battery Back-up
Ei146RC	Easi-Fit Photoelectric Smoke Alarm with 9V Primary Battery Back-Up & Remote Test & Hush Control Function
Ei163RC	Photoelectric Smoke Alarm with Heat Enhancement, Interconnect Function, Alarm Silence Function and Rechargeable Battery Back-up
Ei166	Easi-Fit Photoelectric Smoke Alarm with Rechargeable Lithium Battery Back-up
Ei166R	Easi-Fit Photoelectric Smoke Alarm with Rechargeable Lithium Battery Back-up, Remote Test and Remote Alarm Silence Function
Ei166RC	Easi-Fit Photoelectric Smoke Alarm with Rechargeable Lithium Battery Back-up, Remote Test and Remote Alarm Silence Function
Ei2110	Photoelectric Smoke Alarm with Heat Enhancement, Interconnect Function, Alarm Silence Function and Rechargeable Battery Back-up

Note: The Ei163RC and Ei2110 are the identical generic alarm. The Ei163rc / Ei2110 has been in addition to TF2, TF3, TF4 & TF5 of EN14604 been subjected to TF1, TF6 and TF8 of BS ISO 7240-155.

Note¹: The Ei163RC and Ei2110 provide Class A1 Heat Detection assessed to requirements from BS5446 Part 2 and Drift compensation assessed to clause 8 of BS EN54 Part 7.

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MAINS POWERED SMOKE ALARMS RECTANGULAR UNITS

Model Reference	Type
Ei151TL	Ionisation Smoke Alarm with Rechargeable Lithium Battery Back-up
Ei151TLR	Ionisation Smoke Alarm with Rechargeable Lithium Battery Back-up, Remote Test and Remote Alarm Silence Function
Ei156TLH	Photoelectric Smoke Alarm with Rechargeable Lithium Battery Back-Up and Alarm Silence Function
Ei156TLR	Photoelectric Smoke Alarm with Rechargeable Lithium Battery Back-Up Remote Test and Remote Silence Function

BATTERY POWERED SMOKE ALARMS CIRCULAR UNITS

Model Reference	Type
Ei405	Photoelectric Smoke Alarm with RF Wireless Interconnect
Ei405N	Photoelectric Smoke Alarm
Ei405C	Photoelectric Smoke Alarm with RF Wireless Interconnect and Wired Interconnect Function
Ei405CN	Photoelectric Smoke Alarm with Interconnect Function
Ei405TYC	Photoelectric Smoke Alarm with RF Wireless Interconnect and Wired Interconnect Function and Non User Replaceable Lithium Batteries
Ei405TYCN	Photoelectric Smoke Alarm with Interconnect Function and Non User Replaceable Lithium Batteries

BATTERY POWERED SMOKE ALARMS RECTANGULAR UNITS

Model Reference	Type
Ei100B	Standard Ionisation Smoke Alarm
Ei100C	Ionisation Smoke Alarm with Interconnect Function
Ei100L	Ionisation Smoke Alarm with Emergency Light Function

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BATTERY POWERED SMOKE ALARMS (Continued.....) RECTANGULAR UNITS

Model Reference	Type
Ei100S	Ionisation Smoke Alarm with Alarm Silence Function
Ei100TY	Ionisation Smoke Alarm with Long Life Lithium Battery and Alarm Silence Function
Ei100TYC	Ionisation Smoke Alarm with Interconnect, Long Life Lithium Battery and Alarm Silence Function
Ei105B	Standard Photoelectric Smoke Alarm
Ei105B-FY	Standard Photoelectric Smoke Alarm WITH Lithium Battery
Ei105C	Photoelectric Smoke Alarm with Interconnect
Ei105H	Photoelectric Smoke Alarm with Alarm Silence Function
Ei2105B	Standard Photoelectric Smoke Alarm
Ei2105C	Photoelectric Smoke Alarm with Interconnect
Ei2105H	Photoelectric Smoke Alarm with Alarm Silencer Function
Ei3100RF	Ionisation Smoke Alarm with Radio Link Function
Ei3105TY	Photoelectric Smoke Alarm with Long Life Lithium Battery
Ei3105TYH	Photoelectric Smoke Alarm with Long Life Lithium Battery and Alarm Silence Function
Ei3105TYCH	Photoelectric Smoke Alarm with Interconnect, Long Life Lithium Battery and Alarm Silence Function
Ei3105B	Standard Photoelectric Smoke Alarm
Ei3105C	Photoelectric Smoke Alarm with Interconnect Function
Ei3105H	Photoelectric Smoke Alarm with Alarm Silence Function
Ei3105L	Photoelectric Smoke Alarm with Emergency Light Function
Ei3105LC	Photoelectric Smoke Alarm with Interconnect and Emergency Light Function
Ei3105LCH	Photoelectric Smoke Alarm with Interconnect, Emergency Light and Alarm Silence Function

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BATTERY POWERED SMOKE ALARMS (Continued.....) RECTANGULAR UNITS

Model Reference	Type
Ei3105RF	Radio Linked Photoelectric Smoke Alarm
Ei3500B	Standard Ionisation Smoke Alarm
Ei3500RF	Ionisation Smoke Alarm with RF Wireless Interconnect Function
Ei3500S	Ionisation Smoke Alarm with Alarm Silence Function

LOW POWER SMOKE ALARMS CIRCULAR UNITS

Model Reference	Type
Ei180	10 to 30VDC Easy Fit Ionisation Smoke Alarm
Ei181	10 to 30VDC Easy Fit Ionisation Smoke Alarm with Battery Back-up
Ei185	10 to 30VDC Easy Fit Photoelectric Smoke Alarm
Ei186	10 to 30VDC Easy Fit Photoelectric Smoke Alarm With Battery Back-up
9000/77	10 to 30VDC Easy Fit Photoelectric Smoke Alarm With Battery Back-up (powered by the 9000/83A base) 
9000/83A	Smoke Alarm Mounting Base (Tunstall Telecom) for the 9000/77 Smoke Alarm

LOW POWER SMOKE ALARMS RECTANGULAR UNITS

Model Reference	Type
Ei100R3	12V DC Ionisation Smoke Alarm with Relay Output
Ei105R3	12V DC Photoelectric Smoke Alarm with Relay Output
Ei105R4	10V DC Photoelectric Smoke Alarm with Relay Output

Note: The Ei168 RF Transceiver Patress is suitable for use with the following Smoke Alarms. The Ei168RF itself is not subject to the EC Certificate: Ei141RC, Ei146RC, Ei161RC, Ei166RC and Ei2110 Smoke Alarms.

The Ei168RC RF Transceiver Patress is suitable for use with the following Smoke Alarms. The Ei168RC itself is not subject to the EC Certificate: Ei161RC, and Ei166RC.

The Ei1529RC Remote Control Switch Box is suitable for use with the: Ei161RC, Ei166RC and Ei168RC

Photoelectric Smoke Alarms are certified for use with either the polyester or metal insect screens

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