bsi.

By Royal Charter

Certificate of Constancy of Performance

This is to certify that:

Zeta Alarms Limited
Detection House
72-78 Morfa Road
Swansea
SA1 2EN
United Kingdom

Holds Certificate Number: 0086-CPR-670813

In respect of:

EN 12094-1: 2003, EN 54-2: 1997+A1: 2006 and EN 54-4: 1997+A1: 2003 & A2: 2006
Electrical Automatic Control and Delay Devices, Control and Indicating Equipment and Power Supply Equipment

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the above construction product. This certificate attests that all the provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the above standard(s) under system 1 are applied and that the product fulfils (products fulfil) all the prescribed requirements set out above. This certificate remains valid as long as the test methods and/or factory production control requirements included in the harmonised standard(s), used to assess the performance of the declared essential characteristics, do not change and the products(s), and the manufacturing conditions in the plants(s) are not modified significantly.

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

Gary Fenton, Global Product Certification Director

First Issued: 23/03/2017

Latest Issue: 23/03/2017

...making excellence a habit.™

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated online.

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Certificate of Constancy of Performance

No. 0086-CPR-670813

Product Information

Model Reference	**Type**
Prem1er EXPRO	Class A, Two zone, single area extinguishing control panel.

Options with requirements

Certified with the following options with requirements from EN 54-2:1997:

Output to fire alarm devices (clause 7.8)

Test condition (clause 10)

Certified with the following options with requirements from EN 12094-1:2003:

Delay of extinguishing signal (clause 4.17)

Signal representing the flow of extinguishing agent (clause 4.18)

Control of flooding time (clause 4.21)

Manual only mode (clause 4.23)

Emergency abort device (clause 4.27)

First Issued: 23/03/2017 Latest Issue: 23/03/2017

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated online.

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Certificate of Constancy of Performance

No. 0086-CPR-670813

Appendix 1

Harmonised Technical Specification		**EN 54-2:1997 + A1**
Essential Characteristics	**Performance**	**Clause**
Performance Under Fire Conditions		
General requirements	Pass	4
General requirements for indications	Pass	5
The fire alarm condition	Pass	7
Response Delay (response time to fire)		
Reception and processing of fire signals	Pass	7.1
Output of the fire alarm condition	Pass	7.7
Delay to outputs	Pass	7.11
Dependencies on more than one alarm signal	Pass	7.12
Operational Reliability		
General requirements	Pass	4
General requirements for indications	Pass	5
The quiescent condition	Pass	6
The fire alarm condition	Pass	7
Fault warning condition	Pass	8
Disabled condition	Pass	9
Test condition	Pass	10
Standardised input/output interface	Pass	11
Design requirements	Pass	12
Additional design requirements for software controlled control and indicating equipment's	Pass	13
Marking	Pass	14
Durability of Operational Reliability		
Cold (operational)	Pass	15.4
Damp heat, steady state (operational)	Pass	15.5
Impact (operational)	Pass	15.6
Vibration, sinusoidal (operational)	Pass	15.7
Electromagnetic Compatibility (EMC),Immunity tests (operational)	Pass	15.8
Supply voltage variations	Pass	15.13
Damp heat, steady state (endurance)	Pass	15.14
Vibration, sinusoidal (endurance)	Pass	15.15

First Issued: 23/03/2017 Latest Issue: 23/03/2017

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated online.

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Certificate of Constancy of Performance

No. 0086-CPR-670813

Appendix 1 (continued)

Harmonised Technical Specification		**EN 54-4:1997 + A1 & A2**
Essential Characteristics	**Performance**	**Clause**
Performance of Power Supply		
General requirements	Pass	4
Functions	Pass	5
Materials, design and manufacture	Pass	6
Operational Reliability		
General requirements	Pass	4
Functions	Pass	5
Materials, design and manufacture	Pass	6
Documentation	Pass	7
Marking	Pass	8
Durability of Operational Reliability		
Cold (operational)	Pass	9.5
Damp heat, steady state (operational)	Pass	9.6
Impact (operational)	Pass	9.7
Vibration, sinusoidal (operational)	Pass	9.8
Electromagnetic Compatibility (EMC),Immunity tests (operational)	Pass	9.9
Damp heat, steady state (endurance)	Pass	9.14
Vibration, sinusoidal (endurance)	Pass	9.15

First Issued: 23/03/2017 Latest Issue: 23/03/2017

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated online.

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Certificate of Constancy of Performance

No. 0086-CPR-670813

Appendix 1 (continued)

Harmonised Technical Specification		EN 12094-1:2003
Essential Characteristics	**Performance**	**Clause**
Performance Under Fire Conditions		
Signal processing and indication	Pass	4.3
Reception and processing of input triggering signals	Pass	4.4
Transmission of extinguishing signal	Pass	4.5
Activation of alarm devices	Pass	4.6
Response Delay (response time to fire)		
Activated condition	Pass	4.8
Operational Reliability		
Environmental Class	Pass	4.2
Signal processing and indication	Pass	4.3
Reception and processing of input triggering signal	Pass	4.4
Transmission of extinguishing signal	Pass	4.5
Activation of alarm devices	Pass	4.6
Indication of the supply with power	Pass	4.7
Activated condition	Pass	4.8
Indication of activated condition	Pass	4.9
Released condition	Pass	4.10
Indication of release condition	Pass	4.11
Resetting of the activated condition and the released condition	Pass	4.12
Fault warning condition	Pass	4.13
Indication of the fault warning condition	Pass	4.14
Disabled condition	Pass	4.15
Indication of disabled condition	Pass	4.16
Mechanical design	Pass	5.2
Manual controls	Pass	5.3
Indication by means of separate light emitting indicators	Pass	5.4.2
Indications by means of alphanumeric displays	Pass	5.4.3
Audible indicators	Pass	5.5
Electrical design of components	Pass	5.6
Circuit design	Pass	5.7
Additional design requirements for software controlled ECD's	Pass	6
Marking	Pass	7
Documentation	Pass	8
Durability of Operational Reliability		
Environmental Class	Pass	4.2
Functional tests	Pass	9.2

First Issued: 23/03/2017 Latest Issue: 23/03/2017

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated online.

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.