

# 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: 2797 CPR 670814

In respect of:

**Control and Indicating Equipment & Power Supply Equipment EN 54-2:1997+AC:1999+A1:2006 & EN 54-4:1997+AC:1999+A1: 2002+A2:2006**

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 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product(s). This certificate was first issued on the date below and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

For and on behalf of BSI, a Notified Body for the above Regulation (Notified Body Number 2797):

Drs. Dave Hagenaaars, Managing Director

First Issued: 2017-03-24  
Latest Issue: 2021-01-15

Page: 1 of 6



...making excellence a habit.™

# Certificate of Constancy of Performance

No. 2797 CPR 670814

Manufacturing Plant

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

## Product Information

**EN 54-2:1997+AC:1999+A1:2006 and EN 54-4:1997+AC:1999+A1:2002+A2:2006**

Model Reference	Type
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IN1	Infinity 1 Zone Conventional Control and Indicating Equipment.
IN2	Infinity 2 Zone Conventional Control and Indicating Equipment.
IN4	Infinity 4 Zone Conventional Control and Indicating Equipment.
IN6	Infinity 6 Zone Conventional Control and Indicating Equipment.
IN8	Infinity 8 Zone Conventional Control and Indicating Equipment.

Certified for use with Zeta Alarm Systems conventional fire detection and alarm devices.

## Options with requirements

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

Output to fire alarm devices (clause 7.8)

Delays to outputs (clause 7.11)

Test condition (clause 10)

First Issued: 2017-03-24

Latest Issue: 2021-01-15

Page: 2 of 6

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# Certificate of Constancy of Performance

No. 2797 CPR 670814

## Product Information (continued)

Model Reference	Type
ID2/2	Infinity ID2, 2 Zone Addressable Control and Indicating Equipment.
ID2/4	Infinity ID2, 4 Zone Addressable Control and Indicating Equipment.
ID2/8	Infinity ID2, 8 Zone Addressable Control and Indicating Equipment.

Certified for use with Zeta Alarm Systems addressable fire detection and alarm devices.

## Options with requirements

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

- Output to fire alarm devices (clause 7.8)
- Dependencies on more than one alarm signal (clause 7.12)
- Fault signals from points (clause 8.3)
- Disablement of addressable points (clause 9.5)
- Test condition (clause 10)

First Issued: 2017-03-24

Latest Issue: 2021-01-15

Page: 3 of 6

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No. 2797 CPR 670814

## Product Information (continued)

Model Reference	Type
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SMART1	Smart Connect One Loop Touch Screen Panel
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Certified for use with Zeta Alarm Systems addressable fire detection and alarm devices

## Options with requirements

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

- Output to fire alarm devices (clause 7.8)
- Delays to outputs (clause 7.11)
- Dependencies (Type C dependency) (clause 7.12.3)
- Fault signals from points (clause 8.3)
- Disabling of addressable points (clause 9.5)
- Test condition (clause 10)



First Issued: 2017-03-24

Latest Issue: 2021-01-15

Page: 4 of 6

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No. 2797 CPR 670814

## Appendix 1

Harmonised Technical Specification		EN 54-2:1997 + A1
Essential Characteristics	Performance	Clause
<b>Performance Under Fire Conditions</b>		
General requirements	Pass	4
General requirements for indications	Pass	5
The fire alarm condition	Pass	7
<b>Response Delay (response time to fire)</b>		
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
<b>Operational Reliability</b>		
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
<b>Durability of Operational Reliability</b>		
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: 2017-03-24

Latest Issue: 2021-01-15

Page: 5 of 6

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No. 2797 CPR 670814

## Appendix 1 (continued)

Harmonised Technical Specification		EN 54-4:1997 + A1 & A2
Essential Characteristics	Performance	Clause
<b>Performance of Power Supply</b>		
General requirements	Pass	4
Functions	Pass	5
Materials, design and manufacture	Pass	6
<b>Operational Reliability</b>		
General requirements	Pass	4
Functions	Pass	5
Materials, design and manufacture	Pass	6
Documentation	Pass	7
Marking	Pass	8
<b>Durability of Operational Reliability</b>		
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: 2017-03-24

Latest Issue: 2021-01-15

Page: 6 of 6

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