

DECLARATION OF PERFORMANCE

According to Construction Products Regulation EU N° 305/2011

DoP Ref: GLT-229-DoP-1

1. Unique Product identification code:

37-350

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

SMART1 Smart Connect 1 loop touch screen analogue addressable fire alarm control panel

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Fire detection and fire alarm systems installed in and around buildings. (Indoor use only)

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

Zeta Alarms Limited
72-78 Morfa Road
Swansea
SA1 2EN
UK

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 1

7. In case of the declaration of performance concerning a construction product covered by the harmonized standard:

Intertek Life Safety and Security (Identification N0 0359) performed type testing and the initial inspection of the manufacturing plant and of the factory production control with continuous surveillance assessment and approval of the factory production control under system 1 and issued the EC certificates of conformity:

0359-CPR-00483

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not applicable, see item 7

9. Declared performance:

All requirements including all Essential Characteristics and the corresponding performances for the intended use or uses indicated in 3. have been determined as described in the hEN mentioned in the following table.

Essential characteristics	Performance	Harmonized Technical Specification	
		EN 54-2: 1997 + A1: 2006	EN 54-4: 1997 + A2: 2006
Operational reliability	Pass	4 - General requirements	4 - General requirements
		5 - General requirements for indications	5 – Functions
		6 - The quiescent condition	6 - Materials, design and manufacture
		7 - The fire alarm condition	7 - Documentation
		8 - Fault warning condition	
		9 - Disabled condition	
		10 - Test condition (option with requirements)	
		12 - Design requirements	
Durability of operational reliability Temperature resistance	Pass	13 - Additional design requirements for software controlled control and indicating equipments	
		14 - Marking	8 - Marking
Durability of operational reliability Vibration resistance	Pass	15.4 - Cold (operational)	9.5 - Cold (operational)
		15.6 - Impact (operational)	9.7 - Impact (operational)
		15.7 - Vibration, sinusoidal (operational)	9.8 - Vibration, sinusoidal (operational)
Durability of operational reliability Electrical stability	Pass	15.15 - Vibration, sinusoidal (endurance)	9.15 - Vibration, sinusoidal (operational)
		15.8 - Electromagnetic Compatibility (EMC), Immunity tests (operational)	9.9 - Electromagnetic Compatibility (EMC), Immunity tests (operational)
Durability of operational reliability Humidity resistance	Pass	15.13 - Supply voltage variation (operational)	
		15.5 - Damp heat, steady state (operational)	9.6 - Damp heat, steady state (operational)
Performance under fire conditions	Pass	15.14 - Damp heat, steady state (endurance)	9.14 - Damp heat, steady state (endurance)
		4 - General requirements	
Response delay (response time to fire)	Pass	5 - General requirements for indications	
		7 - The fire alarm condition	
		7.1 - Reception and processing of fire signals	
Performance of power supply	Pass	7.7 - Output of the fire alarm condition	
		7.11 - Delays to outputs (option with requirements)	
Performance of power supply	Pass		4 - General requirements
			5 – Functions
			6 - Materials, design and manufacture

OPTIONAL FUNCTIONS (OPTIONS WITH REQUIREMENTS)			
Output to fire alarm Devices	Pass	7.8 - Output to fire alarm Devices	
Delays to Outputs	Pass	7.11 - Delays to Outputs	
Dependencies on more than one alarm Signal	Pass	7.12 - Dependencies on more than one alarm Signal	
Fault Signals from Points	Pass	8.3 - Fault Signals from Points	
Disablement of Addr.Points	Pass	9.5 - Disablement of addressable points	
Test Condition	Pass	10 - Test Condition	

10. The performance of the product identified in 1. and 2. is in conformity with the declared performance in 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in 4.

Signed for and on behalf of **Zeta Alarms Limited** by:

Name: **N.R. P. Jones**

Signature: 

Position: **Technical Manager**

Place of issue: **Swansea**

Date of issue: **19th November 2016**