

Declaration of Performance No. 0359-CPR-00272 REV 01

Declaration of Performance according to the Construction Products Regulation EU No. 305/2011

1. Unique identification code of the product type	Model(s): SC-11-1200, SC-11-2200, SC-11-1201, SC-11-2201 Brand(s): SmartCell
2. Type, batch, or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4)	Each individual product is identified with a label containing a unique serial number.
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer	Fire detection and fire alarm systems – Control & Indicating Equipment - EN54-2 Fire detection and fire alarm systems – Power Supplies - EN54-4 Fire detection and fire alarm systems - Part 21: Alarm transmission and fault warning routing equipment Fire detection and fire alarm systems – Components using radio links EN54-25
4. Name, registered trade name, or registered trade mark and contact address of the manufacturer as required pursuant Article 11(5)	EMS Security Group Limited Technology House, Sea Street, Herne Bay, Kent, CT6 8JZ
5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2)	EMS Security Group Limited Technology House, Sea Street, Herne Bay, Kent, CT6 8JZ.
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 a harmonised standard	Intertek – 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 an EC certificate of conformity. 0359-CPR-00272
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:	Not applicable, see point 7
9. Declared performance: All requirements including all Essential Characteristics and the corresponding performances for the intended use or uses indicated in point 3 above have been determined as described in the harmonised technical specifications: EN54-18:2005 and EN 54-25: 2008 mentioned in the table(s) below.	

Fire detection and fire alarm systems – Control & Indicating Equipment - EN54-2

Essential characteristics	Performance	Requirement clauses in this European standard
Performance under fire conditions	PASS	4, 5, 7 (notes a,b)
Response delay (response time)	PASS	7.1, 7.7, 7.11, 7.12 (note a)
Operational reliability	PASS	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 (note a)
Durability of operational reliability, Temperature resistance	PASS	15.4
Durability of operational reliability, Vibration resistance	PASS	15.6, 15.7, 15.15
Durability of operational reliability, Electrical resistance	PASS	15.8 to 15.13
Durability of operational reliability, Humidity stability	PASS	15.5, 15.14
a) For compliance with this standard it is not necessary to provide the optional functions specified in the standard. However, if a manufacturer chooses to include any of these options in the equipment, then the associated requirements shall be met and have to be included in type testing and certification (see Clause 4 of this standard). b) The products covered by this standard are assumed to function during the alarm condition, in an event of fire, before the fire becomes so large as to affect their functioning. There is therefore no requirement to function when exposed to direct attack from fire.		

Fire detection and fire alarm systems – Power Supplies - EN54-4

Essential characteristics	Performance	Requirement clauses in this European standard
Performance of power supply	PASS	4, 5, 6 (notes a)
Operational reliability	PASS	4, 5, 6, 7, 8 (note a)
Durability of operational reliability, Temperature resistance	PASS	9.5
Durability of operational reliability, Vibration resistance	PASS	9.7, 9.8, 9.15
Durability of operational reliability, Electrical resistance	PASS	9.9 to 9.13
Durability of operational reliability, Humidity stability	PASS	9.6, 9.14
a) The products covered by this standard are assumed to function during the alarm condition, in an event of fire, before the fire becomes so large as to affect their functioning. There is therefore no requirement to function when exposed to direct attack from		

Fire detection and fire alarm systems – Alarm transmission and fault warning routing equipment - EN54-21

Essential characteristics	Performance	Requirement clauses in this European standard
Performance of power supply	PASS	4, 5
Operational reliability	PASS	4, 5, 7, 8, 9
Durability of operational reliability, Temperature resistance	PASS	10.4
Durability of operational reliability, Vibration resistance	PASS	10.6, 10.7, 10.11
Durability of operational reliability, Electrical resistance	PASS	10.8, 10.9
Durability of operational reliability, Humidity stability	PASS	10.5, 10.10

EN 54-21 only applicable to models SC-11-1200 and SC-11-2200

Fire detection and fire alarm systems – Components using radio links EN54-25

Essential characteristics	Performance	Requirement clauses in this European standard
Performance parameters under fire conditions	PASS	4.1, 4.2.2, 5.2, 8.3.7 (see note a)
Response delay (response time to fire)	PASS	8.2.3, 8.2.6 (see note a)
Operational reliability	PASS	4.2.1, 4.2.3 to 4.2.7, 5.3, 5.4, 6, 7, 8.2.2, 8.2.4, 8.2.5, 8.2.7, 8.2.8 ^b , 8.2.9, 8.3.1, 8.3.2, 8.3.3, 8.3.5, 8.3.6
Durability of operational reliability, Temperature resistance	PASS	8.3.9 ^c , 8.3.10 ^c , 8.3.11
Durability of operational reliability, Vibration resistance	PASS	8.3.16 ^c , 8.3.17 to 8.3.19
Durability of operational reliability, Humidity resistance	PASS	8.3.12 ^d , 8.3.13 ^e , 8.3.14
Durability of operational reliability, Corrosion resistance	PASS	8.3.15 ^c
Durability of operational reliability, Electrical stability	PASS	8.3.20
a) The products covered by this standard are assumed to enter the alarm condition, in an event of fire, before the fire becomes so large as to affect their functioning. There is no requirement to function when exposed to direct attack from fire.		
b) Only applicable to components required to indicate loss of communication or to transmit this information to the CIE.		
c) Not applicable for CIE.		
d) Not applicable for CIE and smoke detectors.		
e) Only applicable for CIE and smoke detectors.		

10. The performance of the product identified in items 1 and 2 is in conformity with the declared performance in point 9.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed by: Daniel Griffin
Director of Product & Compliance



Location: EMS Security Group Limited,
Technology House, Sea Street,
Herne Bay, Kent, CT6 8JZ, U.K.

Date: 12th September 2019

Regulation (EU) No. 305/2011 CPR Supplementary CE marking information

Identification of the Certification Body: 0359
Manufacturer: EMS Security Group Limited, Technology House, Sea Street, Herne Bay, Kent, CT6 8JZ, U.K.
Last two digits of year CE mark was first placed: 19
Declaration of Performance (DoP) Number: 0359-CPR-00272 REV 01
EN54-2:1997+A1:2006, EN 54-4:1998+A1,A2, EN 54-21:2006 and EN 54-25:2008
Unique identification of product type: See the product label for the product documentation part number and revision.
Intended use: See DoP point 3.
Essential characteristics: See DoP point 9.