

DECLARATION OF PERFORMANCE

**According to Construction Products Regulation EU N° 305/2011
N° 095 - CPR – 2014**

1. Unique Product identification code:

S3EP-V-VAD-HPR-R (EN54-3, 17 & 23)

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

S-Cubed Type A Red high Performance VAD Red Body with Short Circuit Isolator S3EP-V-VAD-HPR-R

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

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

Gent by Honeywell (Novar Systems Limited)

Manufactured by:
Honeywell Life Safety Romania SRL
Str Salcamilor nr 2 bis
305500
Lugoj
Romania

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:

Loss Prevention Certification Board (BRE Global Limited)

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 issue the EC certificate of conformity.

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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 point 3 above have been determined as described in the hEN mentioned in the table below

Essential Characteristics	Performance	Harmonised Technical Specification EN54-3: 2001 A1:2002, A2: 2006
Operational reliability	Pass	4.4, 4.5, 4.6, 5.4, C4
Performance under fire conditions	Pass	4.2, 4.3, 5.2, 5.3, C3.1, C.3.2, C.5.1, C.5.2, C.5.3
Durability of operational reliability		
Temperature resistance	Pass	5.5, 5.7, 5.8, 5.9
Temperature resistance	NPD	5.6
Humidity resistance	Pass	5..8, 5.9
Humidity resistance	NPD	5.10
Corrosion resistance	Pass	5.11
Shock and Vibration resistance	Pass	5.12 to 5.15
Electrical stability	Pass	5.16
Resistance to ingress	Pass	5.17

Essential Characteristics	Performance	Harmonised Technical Specification EN54-17: 2005 AC:2007
Operational reliability	Pass	4
Performance under fire condition	Pass	5.2
Durability of operational reliability		
Temperature resistance	Pass	5.4, 5.5
Humidity resistance	Pass	5.6, 5.7
Corrosion resistance	Pass	5.8
Vibration resistance	Pass	5.9 to 5.12
Electrical stability	Pass	5.3, 5.13

Essential Characteristics	Performance	Harmonised Technical Specification EN54-23: 2010
Operational reliability		
Duration of operation	Pass	4.2.1
Provision for external conductors	Pass	4.2.2
Flammability of material	Pass	4.2.3
Enclosure protection	Pass	4.2.4
Access	Pass	4.2.5
Manufacturer's adjustment	Pass	4.2.6
On-site adjustment of behaviour	Pass	4.2.7
Requirement for software controlled device	Pass	4.2.8
Performance parameters under fire conditions:		
Coverage volume	Pass	4.3.1
Variation of light output	Pass	4.3.2
Minimum and maximum light intensity	Pass	4.3.3
Light colour	Red / White	4.3.4
Light temporal pattern and frequency of flashing	0.5Hz	4.3.5
Marking and data	Pass	4.3.6
Synchronization (option with requirements)	Pass	4.3.7
Durability		
Temperature resistance		
Dry Heat (Operational)	Pass	4.4.1.1
Dry Heat (endurance)	Pass	4.4.1.2
Cold (Operational)	Pass	4.4.1.3
Humidity resistance:		
Damp heat, cyclic (operational)	Pass	4.4.2.1
Damp heat, steady state (endurance)	Pass	4.4.2.3
Shock and Vibration resistance:		
Shock (operational)	Pass	4.4.3.1
Impact (operational)	Pass	4.4.3.2
Vibration (operational)	Pass	4.4.3.3
Vibration (endurance)	Pass	4.4.3.4
Corrosion resistance:		
SO2 corrosion (endurance)	Pass	4.4.4
Electrical stability:		
EMC, immunity (operational)	Pass	4.4.5

9. The performance of the product identified in points 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 for and on behalf of the manufacturer by:

Name and Function: Kishore Chauhan Sr Advanced Quality Engineer

Signature: 

Date: 27th March 2020.....

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