



In accordance with Construction Products Regulation EU No 305/2011

Declaration of Performance No: BSB-02

1 Product Type

Sounder and Visual Alarm Device

2 Models

Axis-SV2MB
Axis-SV2AMB
Axis-SV2MBRF
20-VC-BSB-23W-01-ADV

3 Intended Use:

Fire detection and fire alarm systems – Indoor use

4 Produced by:

Advanced Electronics Ltd,
The Bridges
Balliol Business Park
Newcastle Upon Tyne
NE12 8EW
United Kingdom

In the manufacturing plant:

Argus Security Srl
Via del Cannelto 14
Dalle delle Noghère
34015 Muggia
Trieste
Italy

5 Authorised Representative

Halma Europe DS BV
J. Keplerweg 14
2408AC
Alphen aan Den Rijn
Netherlands

We, Advanced Electronics Ltd., have appointed Halma Europe DS BV by official mandate as our authorised representative within, and importer of products into, the European Union.

6 System of Assessment and verification of constancy of performance

System 1

7 Harmonised Standards

IMQ ISTITUTO ITALIANO DEL MARCHIO DI QUALITA S.P.A. 0051 performed initial type testing and initial inspection of the manufacturing plant and factory production control, and performs continuous surveillance of the factory production control under system 1 and has issued a certificate of conformity 0051-CPR-1264 to:

EN 54-3:2001 +A1:2002 +A2:2006

EN 54-23:2010

8 European Technical Assessment

Not applicable

9 Declared Performance

Essential Characteristic	Performance	Harmonised technical specification
Performance under fire conditions	Pass	EN 54-3:2001 +A1:2002 +A2:2006 Clauses 4.2, 4.3, 5.2, 5.3
Operational reliability	Pass	EN 54-3:2001 +A1:2002 +A2:2006 Clauses 4.4, 4.5, 5.8, 5.9
Durability of operational reliability, temperature resistance	Pass	EN 54-3:2001 +A1:2002 +A2:2006 Clauses 5.5, 5.7, 5.8, 5.9
Durability of operational reliability, humidity resistance	Pass	EN 54-3:2001 +A1:2002 +A2:2006 Clauses 5.8, 5.9
Durability of operational reliability, corrosion resistance	Pass	EN 54-3:2001 +A1:2002 +A2:2006 Clause 5.11
Durability of operational reliability, shock and vibration resistance	Pass	EN 54-3:2001 +A1:2002 +A2:2006 Clauses 5.12 to 5.15
Durability of operational reliability, electrical stability	Pass	EN 54-3:2001 +A1:2002 +A2:2006 Clause 5.16
Durability of operational reliability, resistance to ingress	Pass	EN 54-3:2001 +A1:2002 +A2:2006 Clause 5.17
Operational reliability: Duration of operation Provision for external conductors Flammability of materials Enclosure protection Access Manufacturers adjustments On-site adjustment of behaviour Requirements for software controlled devices	Pass Pass Pass Pass Pass Pass Pass Pass Pass	EN 54-23:2010 Clause 4.2.1 EN 54-23:2010 Clause 4.2.2 EN 54-23:2010 Clause 4.2.3 EN 54-23:2010 Clause 4.2.4 EN 54-23:2010 Clause 4.2.5 EN 54-23:2010 Clause 4.2.6 EN 54-23:2010 Clause 4.2.7 EN 54-23:2010 Clause 4.2.8
Performance parameters under fire condition: Coverage volume Variation of light output Minimum and maximum light intensity Light colour Light temporal pattern and frequency of flashing Marking and data Synchronisation (option with requirement)	Pass Pass Pass Red: Axis-SV2MBRF White: All other models listed Pass Pass Pass	EN 54-23:2010 Clause 4.3.1 EN 54-23:2010 Clause 4.3.2 EN 54-23:2010 Clause 4.3.3 EN 54-23:2010 Clause 4.3.4 EN 54-23:2010 Clause 4.3.5 EN 54-23:2010 Clause 4.2.6 EN 54-23:2010 Clause 4.2.7

Durability:		
Temperature resistance:		
Dry heat (operational)	Pass	EN 54-23:2010 Clause 4.4.1.1
Dry heat (endurance)	Pass	EN 54-23:2010 Clause 4.4.1.2
Cold (operational)	Pass	EN 54-23:2010 Clause 4.4.1.3
Humidity resistance:		
Damp heat, cyclic (operational)	Pass	EN 54-23:2010 Clause 4.4.2.1
Damp heat, steady state (endurance)	Pass	EN 54-23:2010 Clause 4.4.2.2
Damp heat, cyclic (endurance)	Pass	EN 54-23:2010 Clause 4.4.2.3
Shock and vibration resistance:		
Shock (operational)	Pass	EN 54-23:2010 Clause 4.4.3.1
Impact (operational)	Pass	EN 54-23:2010 Clause 4.4.3.2
Vibration (operational)	Pass	EN 54-23:2010 Clause 4.4.3.3
Vibration (endurance)	Pass	EN 54-23:2010 Clause 4.4.3.4
Corrosion resistance:		
SO2 corrosion (endurance)	Pass	EN 54-23:2010 Clause 4.4.4
Electrical stability:		
EMC, immunity (operational)	Pass	EN 54-23:2010 Clause 4.4.5

10 Authority

The performance of the product(s) identified in points 1 and 2 is (are) in conformity with the declared performance detailed 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:
Mr Jayson Shepherd – Product Compliance Officer



01 January 2021