



In accordance with Construction Products Regulation EU No 305/2011

Declaration of Performance No: ACWSV + AWSM

1 Product Type

Altair Addressable Type A/B (Indoor/Outdoor) Wall Sounder with Short Circuit Isolator

2 Models

Axis-CWSV + Axis-WSM
Axis-CWSV/WH + Axis-WSM

3 Intended Use:

Fire Safety – Fire detection and fire alarm systems

4 Manufactured by:

Advanced Electronics Ltd,
The Bridges, Balliol Business Park,
Newcastle-Upon-Tyne.
NE12 8EW

In the manufacturing plant:

Argus Security Srl
Via del Cannetto 14
Valle delle Noghère
34015 Muggia
Trieste
Italy

5 Authorised Representative

Not applicable

6 System of Assessment and verification of constancy of performance

System 1

7 Harmonised Standards

BRE Global Ireland 2831 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 2831-CPR-F1421 to:

EN 54-3:2001 +A1:2002 +A2:2006, EN 54-17:2005, EN 54-18:2005, 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 EN 54-17:2005 clause 5.2 EN 54-18:2005 clause 5.1.4
Operational reliability	Pass	EN 54-3:2001 +A1:2002 +A2:2006 clauses 4.4, 4.5, 4.6, 5.4 EN 54-18:2005 clause 5.1.4 EN 54-17:2005 clause 4
Durability of operational reliability, temperature resistance	Pass	EN 54-3:2001 +A1:2002 +A2:2006 clauses 5.5, 5.7, 5.8, 5.9 EN 54-17:2005 clause 5.4, 5.5 EN 54-18:2005 clause 5.3, 5.4
Durability of operational reliability, humidity resistance	Pass	EN 54-3:2001 +A1:2002 +A2:2006 clauses 5.8, 5.9 EN 54-17:2005 clause 5.6, 5.7 EN 54-18:2005 clause 5.5, 5.6
Durability of operational reliability, corrosion resistance	Pass	EN 54-3:2001 +A1:2002 +A2:2006 clause 5.11 EN 54-17:2005 clause 5.8 EN 54-18:2005 clause 5.7
Durability of operational reliability, shock (EN 54-3 only) and vibration resistance	Pass	EN 54-3:2001 +A1:2002 +A2:2006 clauses 5.12 to 5.15 EN 54-17:2005 clause 5.9 to 5.12 EN 54-18:2005 clause 5.8 to 5.11
Durability of operational reliability, electrical stability	Pass	EN 54-3:2001 +A1:2002 +A2:2006 clause 5.16 EN 54-17:2005 clause 5.3, 5.13 EN 54-17:2005 clause 5.2, 5.12
Durability of operational reliability, resistance to ingress	Pass	EN 54-3:2001 +A1:2002 +A2:2006 clause 5.17
Response delay (response time)	Pass	EN 54-18:2005 clause 5.2
Operational reliability: Duration of operation Provisions for external conductors Flammability of materials Enclosure protection Access Manufacturer's 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 requirements)	Pass Pass Pass White Pass: 0.5Hz 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 4.3.6 EN 54-23:2010 clause 4.3.7
Durability: Temperature resistance: Dry heat (operational) Dry heat (endurance) Cold (operational) Humidity resistance: Damp heat, cyclic (operational) Damp heat, steady state (endurance) Damp heat, cyclic (endurance) Shock and vibration resistance: Shock (operational) Impact (operational) Vibration (operational) Vibration (endurance) Corrosion resistance: SO2 corrosion (endurance) Electrical stability: EMC, immunity (operational)	Pass Pass Pass Pass Pass Pass Pass Pass Pass Pass Pass Pass Pass Pass Pass Pass Pass	EN 54-23:2010 clause 4.4.1.1 EN 54-23:2010 clause 4.4.1.2 EN 54-23:2010 clause 4.4.1.3 EN 54-23:2010 clause 4.4.2.1 EN 54-23:2010 clause 4.4.2.2 EN 54-23:2010 clause 4.4.2.3 EN 54-23:2010 clause 4.4.3.1 EN 54-23:2010 clause 4.4.3.2 EN 54-23:2010 clause 4.4.3.3 EN 54-23:2010 clause 4.4.3.4 EN 54-23:2010 clause 4.4.4 EN 54-23:2010 clause 4.4.5

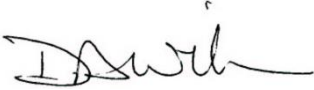
10 Authority

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:

David Wilson (Product Compliance Manager) – Newcastle Upon Tyne, UK.

A handwritten signature in black ink, appearing to read 'D Wilson', with a long horizontal flourish extending to the right.

29th October 2019