

In accordance with Construction Products Regulation EU No 305/2011

## Declaration of Performance No: AOHX

### 1 Product Type

Addressable multi-criteria detector with short circuit isolator

### 2 Models

Axis-OHX

### 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  
Dalle 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-F0907 to:

EN 54-5:2000 +A1:2002, EN 54-7:2000 +A1:2002 +A2:2006, EN 54-17:2005

### 8 European Technical Assessment

Not applicable

## 9 Declared Performance

| Essential Characteristic  | Performance | Harmonised technical specification   |
|---|-------------|--|
| Nominal activation conditions/Sensitivity, response delay (response time) and performance under fire conditions | Pass        | EN 54-5:2000 +A1:2002 clause 4.2, 4.3, 5.2 to 5.6, 5.8, 6.2 (Suffix R)         |
| Operational reliability   | Pass        | EN 54-5:2000 +A1:2002 clause 4.4 to 4.11                                       |
| Tolerance to supply voltage   | Pass        | EN 54-5:2000 +A1:2002 clause 5.7   |
| Durability of operational reliability and response delay, temperature resistance                                | Pass        | EN 54-5:2000 +A1:2002 clause 5.9, 5.10   |
| Durability of operational reliability, vibration resistance   | Pass        | EN 54-5:2000 +A1:2002 clause 5.14 to 5.17                                      |
| Durability of operational reliability, humidity resistance  | Pass        | EN 54-5:2000 +A1:2002 clause 5.11, 5.12  |
| Durability of operational reliability, corrosion resistance   | Pass        | EN 54-5:2000 +A1:2002 clause 5.13  |
| Durability of operational reliability, electrical stability   | Pass        | EN 54-5:2000 +A1:2002 clause 5.18  |
| Nominal activation conditions/Sensitivity, response delay (response time) and performance under fire conditions | Pass        | EN 54-7:2000 +A1:2002 +A2:2006 clauses 4.8, 5.2, 5.2, 5.3, 5.4, 5.6, 5.7, 5.18 |
| Operational reliability   | Pass        | EN 54-7:2000 +A1:2002 +A2:2006 clauses 4.2 to 4.7, 4.9 to 4.11                 |
| Tolerance to supply voltage   | Pass        | EN 54-7:2000 +A1:2002 +A2:2006 clause 5.5                                      |
| Durability of operational reliability and response delay, temperature resistance                                | Pass        | EN 54-7:2000 +A1:2002 +A2:2006 clause 5.8, 5.9                                 |
| Durability of operational reliability, vibration resistance   | Pass        | EN 54-7:2000 +A1:2002 +A2:2006 clause 5.13 to 5.16                             |
| Durability of operational reliability, humidity resistance  | Pass        | EN 54-7:2000 +A1:2002 +A2:2006 clause 5.10, 5.11                               |
| Durability of operational reliability, corrosion resistance   | Pass        | EN 54-7:2000 +A1:2002 +A2:2006 clause 5.12                                     |
| Durability of operational reliability, electrical stability   | Pass        | EN 54-7:2000 +A1:2002 +A2:2006 clause 5.17                                     |
| Performance parameters under fire conditions  | Pass        | EN 54-17:2005 clause 5.2   |
| Operational reliability   | Pass        | EN 54-17:2005 clause 4   |
| Durability of operational reliability, temperature resistance   | Pass        | EN 54-17:2005 clauses 5.4, 5.5   |
| Durability of operational reliability, vibration resistance   | Pass        | EN 54-17:2005 clauses 5.9 to 5.12  |
| Durability of operational reliability, humidity resistance  | Pass        | EN 54-17:2005 clauses 5.6, 5.7   |
| Durability of operational reliability, corrosion resistance   | Pass        | EN 54-17:2005 clause 5.8   |
| Durability of operational ability, electrical stability   | Pass        | EN 54-17:2005 clauses 5.3, 5.13  |

## 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:



D Willcock (Product Compliance Lead)

Date Issued: 16<sup>th</sup> May 2022