



**Construction Products Regulation:  
305/2011**

**DECLARATION OF PERFORMANCE  
No. 0832-CPD-0475**

1. Unique identification code of the product-type:

**ORB-HT-51157  
Variant: ORB-HT-51158**

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

**ORB-HT-51157 Orbis Intrinsically Safe Class A1S Heat Detector with  
SensAlert/FasTest  
Variant:  
ORB-HT-51158 Orbis Intrinsically Safe Class A1S Heat Detector with Flashing  
LED/SensAlert/FasTest  
To be used in conjunction with the following bases and ancillaries:  
45681-207 Base  
ORB-MB-50018-APO TimeSaver IS Base  
ORB-BA-50008-APO Orbis Intrinsically Safe Adaptor Base**

**Each individual product is identified with a label containing a production date  
code with build standard number**

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**

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

**Apollo Fire Detectors Ltd,  
36 Brookside Road, Havant, Hampshire, PO9 1JR**

Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

**Apollo Fire Detectors Ltd,  
36 Brookside Road, Havant, Hampshire, PO9 1JR**

5. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

**System 1**

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

**BRE Global Limited (Notified Body 0832) has performed type testing of the  
product, initial inspection of the manufacturing plant and of factory production  
control with continuous surveillance, assessment and evaluation of factory  
production control under system 1 and issued the following Certificate of  
Conformity:**

**0832-CPD-0475**

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

**Not applicable**

9. Declared performance

| Essential Characteristics   | Standard<br>EN 54-5: 2001 +<br>A1:2002 | Performance |
|---|--|-------------|
| Nominal activation conditions/Sensitivity.<br>Response delay (response time) and<br>Performance under fire conditions | 4.2, 4.3, 5.2 to<br>5.6,5.8,6.1,6.2    | Pass        |
| Operational reliability   | 4.4 to 4.11                            | Pass        |
| Tolerance to supply voltage   | 5.7                                    | Pass        |
| Durability of operational reliability and<br>response delay: temperature resistance                                   | 5.9,5.10                               | Pass        |
| Durability of operational reliability: vibration<br>resistance  | 5.14 to 5.17                           | Pass        |
| Durability of operational reliability: humidity<br>resistance   | 5.11, 5.12                             | Pass        |
| Durability of operational reliability: corrosion<br>resistance  | 5.13                                   | Pass        |
| Durability of operational reliability: electrical<br>resistance   | 5.18                                   | Pass        |

The performance of the product identified above is in conformity with the performance and essential characteristics declared within this certificate. The declaration of performance is issued under the sole responsibility of Apollo Fire Detectors Limited.

Signed for and on behalf of Apollo Fire Detectors Limited by:



Mr. Steve Brown  
Managing Director

Place and Date of Issue: Havant – **16 November 2015**