



By Appointment to
Her Majesty The Queen
Manufacturers of Fire Detection & Alarm Products
Apollo Fire Detectors Limited
Hampshire



**Construction Products Regulation:
EU (No) 305/2011**

This Declaration has been drawn-up in accordance with Commission Delegated Regulation (EU) No. 574/2014 which amends Annex III of Regulation (EU) No 305/2011.

DECLARATION OF PERFORMANCE

No. 2531-CPR-CSP10987

1. Unique identification code of the product-type:

Model number and Description:

SA5100-700 Soteria Analogue Addressable Class A1R Optical Smoke/Heat Detector with Short Circuit Isolator

SA5100-700LIM Optical Smoke/Heat Detector with Short Circuit Isolator

Approved Accessories:

SA5000-200 Addressable XPERT 8 Mounting Base

45681-210 XP95 Mounting Base

Harmonised Product Type(s):

Heat Detectors – Point Detectors

Smoke Detectors – Point Detectors

Short Circuit Isolators

2. Intended use/es:

Fire detection and fire alarm systems

3. Manufacturer:

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

4. Authorised representative:

N/A

5. System of AVCP

System 1

6a. Harmonised Standard(s)

EN 54-5:2000 + A1:2002

EN 54-7:2000 + A1:2002 + A2:2006

EN 54-17:2005

6b. Notified Body:

DBI Certification A/S (Notified Body 2531)

A HALMA COMPANY



Apollo Fire Detectors Limited

36 Brookside Road, Havant, Hampshire, PO9 1JR, UK

t +44 (0)23 9249 2912 f +44 (0)23 9249 2754 e sales@apollo-fire.co.uk

www.apollo-fire.co.uk

Apollo Fire Detectors Ltd. Registered in England No. 1483208
Registered Office: 36 Brookside Road, Havant, Hampshire, PO9 1JR VAT Registration No. GB 339 0553 54

7. Declared performance

Essential Characteristics	Standard EN 54-5: 2000 + A1:2002	Performance
Nominal activation conditions/Sensitivity. Response delay (response time) and Performance under fire conditions	4.2, 4.3, 5.2 to 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 response delay: temperature resistance	5.9,5.10	Pass
Durability of operational reliability: vibration resistance	5.14 to 5.17	Pass
Durability of operational reliability: humidity resistance	5.11, 5.12	Pass
Durability of operational reliability: corrosion resistance	5.13	Pass
Durability of operational reliability: electrical resistance	5.18	Pass

Essential Characteristics	Standard EN 54-7:2000 + A1:2002 + A2:2006	Performance
Nominal activation conditions/Sensitivity. Response delay (response time) and Performance under fire conditions	4.8, 5.2, 5.3, 5.4, 5.6, 5.7, 5.18	Pass
Operational reliability	4.2 to 4.7, 4.9 to 4.11	Pass
Tolerance to supply voltage	5.5	Pass
Durability of operational reliability and response delay: temperature resistance	5.8, 5.9	Pass
Durability of operational reliability: vibration resistance	5.13 to 5.16	Pass
Durability of operational reliability: humidity resistance	5.10,5.11	Pass
Durability of operational reliability: corrosion resistance	5.12	Pass
Durability of operational reliability: electrical resistance	5.17	Pass

Essential Characteristics	Standard EN 54-17:2005	Performance
Performance under fire conditions	5.2 1)	Pass
Operational reliability	4	Pass
Durability of operational reliability: temperature resistance	5.4, 5.5	Pass
Durability of operational reliability: vibration resistance	5.9 to 5.12	Pass
Durability of operational reliability: humidity resistance	5.6, 5.7	Pass
Durability of operational reliability: corrosion resistance	5.8	Pass
Durability of operational reliability: electrical stability	5.3,5.13	Pass
1) This is assuming that the effect of the fire is to cause a short circuit in the transmission path that is protected by these devices		

The performance of the product identified above is in the conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above

8. Online Display Location

This document can be viewed online at www.apollo-fire.co.uk

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



Mr. Karl Westhead
Technical Director

Place and Date of Issue: Havant - 15 October 2019

(v5)

