



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. E0110

1. Unique identification code of the product-type:

Model number and Description:

- SA4700-100 Intelligent Switch Monitor
- Variants:
- SA4700-300 Intelligent DIN-Rail Switch Monitor
- SA4700-102 Intelligent Input/Output Unit
- SA4700-302 Intelligent DIN-Rail Input/Output Unit
- MA4700-300MAR Intelligent Marine DIN-Rail Switch Monitor Module
- MA4700-302MAR Intelligent Marine DIN-Rail Input/Output Module
- SA4700-100PRC Intelligent Switch Monitor

Approved Accessories:

- 45681-400 Intelligent Interface Backbox
- 38532-092 Interface Small DIN Tub

Harmonised Product Type(s):

- Short Circuit Isolators
- Input/Output Devices

2. Intended use/es:

- Fire safety

3. Manufacturer:

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

4. Authorised representative:

Apollo Gesellschaft für Meldetechnologie mbH
Am Anger 31
33332 Gütersloh
Deutschland

5. System of AVCP

System 1

6a. Harmonised Standard(s)

- EN 54-17:2005
- EN 54-18:2005

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Apollo Fire Detectors Limited

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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

6b. **Notified Body:**

DBI Certification A/S (Notified Body 2531)

7. **Declared performance**

Essential Characteristics	Standard EN54-17:2005	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		

Essential Characteristics	Standard EN54-18:2005	Performance
Performance delay (response time)	5.2 ⁽¹⁾	Pass
Performance under fire conditions	5.1.4	Pass
Operational reliability	5.1.4	Pass
Durability of operational reliability: temperature resistance	5.3, 5.4	Pass
Durability of operational reliability: vibration resistance	5.8 to 5.11	Pass
Durability of operational reliability: humidity resistance	5.5, 5.6	Pass
Durability of operational reliability: corrosion resistance	5.7	Pass
Durability of operational reliability: electrical stability	5.2, 5.12	Pass
1) Response delays may not be a function of the input/output device, in which case no assessment is made as part of this standard		



8. Online Display Location

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

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

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

A handwritten signature in blue ink, appearing to read 'DR', with a long horizontal stroke extending to the right.

Mr. David Robbins
Technical Director

Havant - 19 May 2022

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