

CERTIFICATE OF CONSTANCY OF PERFORMANCE

Issued by DBI Certification, notified body No. 2531.

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product

SA5900-908 Intelligent Analogue Addressable Type A Indoor Manual Call Point with Short Circuit Isolator

The product fulfils the essential characteristic:

See Annex 1

Intended use: Applications related to automatic fire alarm systems

Placed on the market under the name or trade mark of:

Apollo Fire Detectors Limited
36 Brookside Road, Havant, Hampshire, PO9 1JR, UK

and produced in the manufacturing plant:

Apollo Fire Detectors Limited
36 Brookside Road, Havant, Hampshire, PO9 1JR, UK

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standards

EN 54-11:2001/A1:2005 : **Fire detection and fire alarm systems - Part 11: Manual call points**
EN 54-17:2005 : **Fire detection and fire alarm systems - Part 17: Short-circuit isolators**

under system 1 for the performance set out in this certificate are applied and that the performance of the construction product is assessed to remain constant.

The attached annexes form part of this certificate.

Date of issue: **2019-10-24**.

This certificate will remain valid as long as neither the harmonized standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly unless suspended or withdrawn by the notified product certification body.

This certificate was first issued 2019-10-24.



Merete Poulsen
Responsible for evaluation



Allan Laursen
Responsible for certification decision

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Annex 1

EXTENT

Type:

SA5900-908 Intelligent Analogue Addressable Type A Indoor Manual Call Point with Short Circuit Isolator

Ancillaries:

43785-278 Mounting Bracket

43785-279 Back Box

Performance

| Essential characteristics | Clauses in EN 54-11:2001 | Performance |
|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------|
| Nominal activation conditions/Sensitivity, Response delay (response time) and Performance under fire conditions | 4.3.2, 4.4, 4.7.1, 4.7.4, 5.2, 5.3 | Pass |
| Operational reliability | 4.2, 4.3.1, 4.5, 4.6, 4.7.2, 4.7.3, 4.7.5, 4.8, 5.4, 5.5 | Pass |
| Durability of operational reliability and response delay; temperature resistance | 5.7, 5.8*, 5.9 | Pass |
| Durability of operational reliability; vibration resistance | 5.14 to 5.17 | Pass |
| Durability of operational reliability; humidity resistance | 5.10, 5.11*, 5.12, 5.19* | Pass |
| Durability of operational reliability; corrosion resistance | 5.11, 5.13 | Pass |
| Durability of operational reliability; electrical stability | 5.6, 5.18† | Pass |
| 5.8* Outdoor Devices only 5.11*, 5.19* Outdoor Devices only 5.18† Devices with active electronic components only | | |

| Essential characteristics | Clauses in 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

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Annex 2

TEST DOCUMENTATION

| Accredited Laboratory | Report no. | Date |
|--------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| BRE BRE BRE BRE | TE 300683 Revision 2 TE 300683-SW Issue: 1 TE-P103641-1001 Issue: 1 TE-P105746-1001 Issue: 1 | 10 February 2016 26 March 2015 15 June 2016 05 October 2016 |

TECHNICAL BASIS

| File Number | Title |
|-------------|----------------|
| SA5900-908 | Build Standard |

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