

**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

**58000-305 Analogue Addressable CO/Heat Multisensor Detector**

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 54-5:2000/A1:2002** : **Fire detection and fire alarm systems - Part 5: Heat detectors - Point detectors**

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: **2019-10-09**.

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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly unless suspended or withdrawn by the notified product certification body.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 2019-10-09.



Merete Poulsen  
Responsible for evaluation



Allan Laursen  
Responsible for certification decision

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**DBI Certification A/S**

Jernholmen 12, 2650 Hvidovre  
Tlf.: 36 34 90 90

E-mail: [info@dbicertification.dk](mailto:info@dbicertification.dk)  
[www.dbicertification.dk](http://www.dbicertification.dk)

Annex 1

**EXTENT**

**Type:**  
58000-305 Analogue Addressable CO/Heat Multisensor Detector

**Base:**  
45681-210 Standard Intelligent Mounting Base

**Notes:**  
1. Mode 5 is approved to EN 54-5:2000 +A1:2002

The CO functionality is not included within the scope of approval.

**Performance**

Essential characteristics	Clauses in EN 54-5:2000	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 (6.1 only Suffix S det./6.2 only Suffix R det.)	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 stability	5.18	Pass

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Annex 2

**TEST DOCUMENTATION**

Accredited Laboratory	Report no.	Date
BRE BRE	TE 254539 TE254539-SW	27 October 2011 14 October 2011

**TECHNICAL BASIS**

File Number	Title
58000-305 45681-210	Build Standard Build Standard

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