

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

58000-400 Discovery Analogue Addressable Class P Heat 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly unless suspended or withdrawn by the notified product certification body.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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 **DANAK**
Prod. Reg. Nr. 7023

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Page **1** of **3**

Annex 1

EXTENT

Type:

58000-400 Discovery Analogue Addressable Class P Heat Detector

Variants:

58000-400SIL Discovery Analogue Addressable Class P Heat Detector

Bases:

45681-210 XP95 Mounting Base

45681-209 XP95/Discovery Standard Deep Mounting Base

Notes:

1. Meets the requirements of EN54: Part 5 at the following modes:
 - Class A1R in Mode 1 and in Conventional Alarm Mode
 - Class A2 in Mode 2 and in Conventional Alarm Mode
 - Class A2S in Mode 3 and in Conventional Alarm Mode
 - Class CR in Mode 4 and in Conventional Alarm Mode
 - Class CS in Mode 5 and in Conventional Alarm Mode

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
LPC BRE BRE	TE 90372 TE 236307 Revision 1 TE 236307-SW	16 April 1999 16 November 2007 28 November 2007

TECHNICAL BASIS

File Number	Title
58000-400 45681-209 45681-210	Build Standard Build Standard Build Standard

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