

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

58100-905 Discovery Analogue Addressable Manual Call Point with Glass Element and 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:

KAC Alarm Company Ltd
KAC House, Thornhill Road, North Moons Moat, Redditch,
Worcestershire, B98 9ND, 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly unless suspended or withdrawn by the notified product certification body.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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DBI Certification A/S

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 **DANAK**
Prod. Reg. Nr. 7023

Version 2019-10-02
Page **1** of **3**

Annex 1

EXTENT

Type:

58100-905 Discovery Analogue Addressable Manual Call Point with Glass Element and Short Circuit Isolator

Variants:

58100-908 with plastic element
 58100-908SIL with plastic element
 58100-908PRC with plastic element

Ancillary:

Surface Mounting 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	TE 222766 222766-SW	07 July 2006 30 August 2006

TECHNICAL BASIS

File Number	Title
58100-908	Build Standard

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