

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

58000-010 Discovery Open Area Voice Sounder Type A with isolator (Red) for use in fire detection and alarm systems

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 Ltd.
36 Brookside Road
Havant, Hampshire, P09 1JR
United Kingdom**

and produced in the manufacturing plant:

**Eaton Electrical Products Ltd.
Llantarnam Park
Cwmbran, NP44 3AW
United Kingdom**

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

EN 54-3:2001/A1:2002/A2:2006 : Fire detection and fire alarm systems - Part 3: Fire alarm devices - Sounders
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: **2021-02-09**.

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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly unless suspended or withdrawn by the notified product certification body.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 supersedes the previous version of this certificate issued 2019-10-28)

This certificate was first issued 2019-10-28.



Merete Poulsen
Responsible for evaluation



Thomas Anthony Wilson
Responsible for certification decision

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DBI Certification A/S

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

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Annex 1

EXTENT

Type:

58000-010 Discovery Open Area Voice Sounder Type A with isolator (Red) for use in fire detection and alarm systems

Note:

To be used in accordance with the suppliers installation instructions and in conjunction with the following bases, ancillaries, sounder tones and sensitivity settings (where applicable):

1. The beacon functionality is not included within the scope of this approval
2. Approved Voice Messages

MO - This is a fire alert. This is a fire alert. Await further instructions. Await further instructions. This is a fire alert. This is a fire alert. Await further instructions. Await further instructions.

M1 – Attention please. Attention please. Fire has been reported in the building. Please leave immediately, by the nearest exit. Please leave immediately, by the nearest exit.

M2 – All clear. The emergency has been resolved. It is safe to resume normal activities. All clear. All clear. The emergency has been resolved. It is safe to resume normal activities. All clear.

M3 – In the interests of safety please evacuate the building now. In the interest of safety please evacuate the building now. In the interest of safety please evacuate the building now.

Sounder Tones:

Apollo Alert Tones -1s off, 825Hz for 1s

Apollo Evacuation Tones – 550Hz for 0.5s, 825Hz for 0.5s

Variants:

58000-020 – White

58000-010DUT

58000-020DUT

Performance

Essential characteristics	Clauses in EN 54-3:2001	Performance
Performance under fire conditions	4.2, 4.3, 5.2, 5.3	Pass
Operational reliability	4.4, 4.5, 4.6, 5.4, C4	Pass
Durability of operational reliability and response delay; temperature resistance	5.5, 5.6, 5.7, 5.8, 5.9	Pass
Durability of operational reliability; humidity resistance	5.8, 5.9, 5.10	Pass
Durability of operational reliability; corrosion resistance	5.11	Pass
Durability of operational reliability; vibration resistance	5.12 to 5.15	Pass
Durability of operational reliability; electrical stability	5.16	Pass
Durability of operational reliability; resistance to ingress	5.17	Pass
5.6 and 5.10 applies only to outdoor sounders or outdoor voice sounders.		
5.16 applies only to sounders or voice sounders with active electronic components		

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Performance

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	TE 256336	2013-06-27
BRE	TE 256336-SW	2013-06-06

TECHNICAL BASIS

File Number	Title
58000-010 58000-020	Build Standard Build Standard

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