

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

45681-278 Analogue Addressable Type A Integrated Base Sounder

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, PO9 1JR
United Kingdom

and produced in the manufacturing plant:

CPA10037

This attests that all provisions concerning the performance described in Annex ZA of the standard(s)

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

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

CONSTANCY OF PERFORMANCE OF THE CONSTRUCTION PRODUCT.

This certificate was first issued on 2019-10-31 and will remain valid as long as neither the harmonised 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

The attached annexes form part of this certificate.

Date of issue: **2023-10-26**

(This certificate supersedes the previous version of this certificate issued 2019-10-31)



Chris Ellis
Responsible for evaluation



Steen Nilsson
Responsible for certification decision

Annex 1

EXTENT

Type:

45681-278 Analogue Addressable Type A Integrated Base Sounder

Note:

1. Meets the requirements of EN 54-3: 2001 + A1:2002 + A2:2006 at the following tones:
 - Alert (High Tone Range) – 0Hz (1s) – 870Hz (1s) – with variable volume control
 - Evacuate (High Tone Range) – 581 (1S) – 870Hz (1s) – with variable volume control

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		

Annex 2

TEST DOCUMENTATION

Accredited Laboratory	Report no.	Date
BRE	P109696 Issue: 1	2018-08-15
BRE	TE 222021	2005-09-28
BRE	TE-P105642-1001 Issue: 1	2019-03-21
BRE	TE-P110938-1001 Issue: 1	2019-03-25

TECHNICAL BASIS

File Number	Title
45681-278	Build Standard