

**CERTIFICATE OF CONSTANCY OF PERFORMANCE**

Issued by DBI Certification-UK, approved body No. 8504.

In compliance with UK STATUTORY INSTRUMENT 2020 No. 1359 Construction Products Regulation 2011 (retained EU law EUR 305/2011) as amended by the Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and the Construction Products (Amendment etc.) (EU Exit) Regulations 2020, this certificate applies to the construction product

**AC-BS-01, AI-BS-01, VC-BS-01**

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:

**Argus Security S.r.l.  
Via del Canneto 14  
34015 Muggia (Trieste)  
Italy**

and produced in the manufacturing plant:

**UKCPA10005**

Authorized Representative:

**Halma UK DS LTD  
Misbourne Court, Rectory Way  
Amersham, Bucks HP7 0DE  
United Kingdom**

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 2022-03-25 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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: **2022-03-25.**



Merete Poulsen  
Responsible for evaluation



Steen Nilsson  
Responsible for certification decision

**DBI Certification-UK Ltd.**

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No. 23333

Annex 1

**EXTENT**

**Product description:**

AC-BS-01, AI-BS-01, VC-BS-01 Sounder Alarm Device

**General characteristics:**

Destination of use: Type A (indoor use)  
 Degrees of protection: IP21C

**EN 54-3 Certified tones:**

Tone 1: Warble Tone – 800-1000 Hz, 1 Hz  
 Tone 2: Continuous Tone – 970 Hz  
 Tone 3: Slow Whoop (NL) – 500-1200 Hz for 3.5 s ON 0.5 s OFF  
 Tone 4: German DIN Tone – 1200-500 Hz, 1 Hz

**Technical characteristic:**

Main Board (PCB code No. SBN00-00A)  
 Hardware Identification (U1): trademark TI type MSP430G2433IPW28  
 Firmware Identification (U1): 1.3.3  
 Piezo trademark KAILITECH type KD-50B-29EW80

**Performance**

Essential characteristics	Clauses in EN 54-3:2001+A1:2002+ A2:2006	Performance
Performance under fire conditions	4.2, 4.3, 5.2, 5.3	Pass
Operational reliability	4.4, 4.5, 4.6, 5.4	Pass
Durability of operational reliability and response delay; temperature resistance	5.5, 5.7, 5.8, 5.9	Pass
Durability of operational reliability; humidity resistance	5.8, 5.9	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

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Annex 2

**TEST DOCUMENTATION:**

Test documentation can be found in case no. UKCSP10079-001.

**TECHNICAL BASIS**

File Number	Title	Date
BOM-AXBSX-0001_DRAFT_01_	INTELLIGENT BASE SOUNDER WITH ALTAIR BASE (AI-BS-01) and variants: SLAVE BASE SOUNDER WITH ALTAIR BASE (AC-BS-01) SLAVE BASE SOUNDER WITH VEGA BASE (VC-BS-01) - Bill of Material	14-02-17, Rev. DRAFT01