

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

SGWS-MOD + CWS100, SGWS-MOD + CWS100(W)

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 trademark 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

EN 54-25:2008 : Fire detection and fire alarm systems — Part 25: Components using radio links

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 2022-06-29 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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: **2023-06-28**.

(This certificate supersedes the previous version of this certificate issued 2022-12-19)



Merete Poulsen
Responsible for evaluation



Chris Ellis
Responsible for certification decision

DBI Certification-UK Ltd.

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Annex 1

EXTENT

Product description:

SGWS-MOD + CWS100 Sounders Fire Alarm Device using Radio Links
 SGWS-MOD + CWS100(W) Sounders Fire Alarm Device using Radio Links

General characteristics:

Destination of use: Type B (for external)
 Degrees of protection: IP33C

EN 54-3 Certified tones:

Tone 1: Warble Tone. 800 Hz for 500ms then 1000Hz for 500 ms
 Tone 2: Continuous Tone. 970 Hz continuous tone
 Tone 3: Slow Whoop (Dutch). 500-1200Hz for 3500 ms, then off for 500 ms
 Tone 4: German DIN tone. 1200-500 Hz swept every 1000 ms (1Hz)

Technical characteristic wireless base:

- Main board Pcb n. B40-ISWSM-0002
- Battery 2 x CR123A Lithium 3 V 1.25Ah
- Hardware Identifications: ST, STM32L051R8T6
- CRC-32 Identifications: 629839F6 (hex)

Technical characteristic Sounder alarm device:

- Main board Pcb n. B20-CWS1X-0002

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, 5.6, 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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Essential characteristics	Clauses in EN 54-25:2008	Performance
Performance parameters under fire conditions	4.1, 4.2.2, 5.2, 8.3.7	Pass
Response delay (response time to fire)	8.2.3, 8.2.6	Pass
Operational reliability	4.2.1, 4.2.3 to 4.2.7, 5.3, 5.4, 6, 7, 8.2.2, 8.2.4, 8.2.5, 8.2.7, 8.2.8, 8.2.9, 8.3.1, 8.3.2, 8.3.3, 8.3.4, 8.3.5, 8.3.6	Pass
Durability of operational reliability and response delay; temperature resistance	8.3.9, 8.3.10, 8.3.11	Pass
Durability of operational reliability; vibration resistance	8.3.16, 8.3.17 to 8.3.19	Pass
Durability of operational reliability; humidity resistance	8.3.12, 8.3.14	Pass
Durability of operational reliability; corrosion resistance	8.3.15	Pass
Durability of operational reliability; electrical stability	8.3.20	Pass

Annex 2

TEST DOCUMENTATION

Test documentation can be found in case no. UKCSP10095-001 and UKCSP10095-002.

Annex 3

TECHNICAL BASIS

File Number	Title	Date
BOM-SGWSM-0002 (SGWS-MOD)	Sagittarius Wall Sounder Module (SGWS-MOD) 868, 865 & 434 MHz Variants - Bill of Material	2021-10-08, Rev. O
BOM-CWS1X-0002 (CWS100)	CONVENTIONAL WALL SOUNDER (CWS100) & WHITE VERSION (CWS100(W)) - Bill of Material	2022-03-25, Rev. T

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