

BRE Global Ireland

Notified Body No. 2831
BRE Global Assurance (Ireland) Limited
DCU Alpha, Old Finglas Road
Glasnevin, Dublin, D11 KXN4
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Certificate of constancy of performance

2831-CPR-F0275

In compliance with Regulation (EU) No. 305/2011 of the European Parliament and of the Council of 9th March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s)

WSS-xC-Nyy Analogue Addressable Wall Mounted Sounder / LED Strobe

(For full product details and conditions of use refer to appendix)

Placed on the market under the name or trade mark of:

and produced in the manufacturing plant(s):

**Life Safety Distribution GmbH,
System Sensor Europe
Javastrasse 2
CH-8604
Hegnau
Switzerland**

**KAC Alarm Company Ltd
Thornhill Road
North Moons Moat
Redditch
Worcestershire B98 9ND
United Kingdom**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s)

**EN 54-3:2001 + A1:2002 + A2:2006 – Sounders
EN 54-23:2010 - Visual alarm devices**

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 16 October 2019 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.



P Halligan, Certification Engineer

Date of First Issue: 16 October 2019

Date of Issue: 16 October 2019

On behalf of BRE Global Assurance (Ireland) Limited

Issue number 01

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APPENDIX to Certificate of constancy of performance: 2831-CPR-F0275**WSS-xC-Nyy Analogue Addressable Wall Mounted Sounder / LED Strobe****Bases / Ancillaries:**

B501AP Mounting base – Low profile base IP21C
Bcc Deep back box
Wcc Waterproof deep back box IP33C

Notes:

1. The wall mounted VAD meets the requirements of EN 54-23: 2010 for the following category (light pattern details):
 - Category O – Open Class
 - Flash rate 1Hz
 - Synchronization
2. x indicates body colour. D=Detector White, P=Pure White
3. yy indicates customer and associated communication protocol.
 - 01 indicates Advanced Protocol (and Honeywell 500 series protocol)
 - 00 and 02-99 indicates Advanced Protocol (and System Sensor 500 series protocol)
4. Type A with Bcc deep back box, Type B with Wcc deep back box
5. Meets the requirements of EN54-3: 2001 at the following tones:
 - 1) Alternating 525/440, 2Hz (100ms/400ms);
 - 2) Alternating 800/922, 1Hz;
 - 3) Alternating 800/922, 2Hz;
 - 4) Alternating 2400/2900, 3Hz;
 - 5) Alternating 2500/3100, 2Hz;
 - 6) Alternating 988/645, 2Hz;
 - 7) Continuous 630Hz;
 - 8) Continuous 922Hz;
 - 9) Continuous 1200Hz;
 - 10) Continuous 2810Hz;
 - 11) Sweep 150-1000Hz, rise 10s, stable 40s, fall 10s, stable 20s, then repeating;
 - 12) Intermittent 420Hz, 0.625s on, 0.625 sec off;
 - 13) Sweep 500-1200Hz, 0.25 sec off, 3.75 sec on;
 - 14) Intermittent 630, 3.33Hz, 150ms on, 150ms off;
 - 15) Intermittent 922, 0.8Hz 0.25s on, 1s off;
 - 16) Intermittent 922, 0.5Hz 1s on, 1s off;
 - 17) Intermittent 2810, 1Hz;



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- 18) Intermittent 922, 1Hz 500ms on, 500ms off;
- 19) Intermittent 950, 0.22Hz (0.5s on, 0.5s off) x 3, 1.5s off;
- 20) Continuous 800Hz;
- 21) Sweep 400-1200Hz, (0.5s on, 0.5s off) x 3, 1.5s off;
- 22) Sweep 1200 – 500Hz, 0.99Hz 1s on, 0.01s off;
- 23) Sweep 2400 – 2850, 7Hz;
- 24) Sweep 500 – 1200Hz, (0.5s off, 3.5s on);
- 25) Sweep 800 – 970, 50Hz;
- 26) Sweep 800 – 970, 7Hz;
- 27) Sweep 800 – 970, 1Hz;
- 28) Sweep 2400 – 2850, 50Hz;
- 29) Sweep 500 – 1000, 7Hz;
- 30) Sweep 500 – 1200 – 500, 0.166Hz rise 1s, stable 4s, fall 1s;
- 31) Sweep 800 – 1000, 2Hz;
- 32) Sweep 2400 – 2850, 1Hz



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