

## BRE Global Ireland

**Notified Body No. 2831**  
BRE Global Assurance (Ireland) Limited  
DCU Alpha, Old Finglas Road  
Glasnevin, Dublin, D11 KXN4  
Ireland  
T: +353 (0) 18824344  
E: [enquiries@breglobalireland.ie](mailto:enquiries@breglobalireland.ie)  
[www.breglobalireland.ie](http://www.breglobalireland.ie)

## Certificate of constancy of performance

**2831-CPR-F0277**

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-Iyy Analogue Addressable Wall Mounted Sounder / LED Strobe with Short Circuit Isolator

*(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 54-17:2005 - Short circuit isolators  
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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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

On behalf of BRE Global Assurance (Ireland) Limited

Date of First Issue: 16 October 2019

Date of Issue: 16 October 2019

Issue number 01

To check the validity of this certificate, please contact us on +353 (0) 18824344 or email [enquiries@breglobalireland.ie](mailto:enquiries@breglobalireland.ie).

**BRE Global Ireland****Notified Body No. 2831**

BRE Global Assurance (Ireland) Limited  
DCU Alpha, Old Finglas Road  
Glasnevin, Dublin, D11 KXN4  
Ireland  
T: +353 (0) 18824344  
E: [enquiries@breglobalireland.ie](mailto:enquiries@breglobalireland.ie)  
[www.breglobalireland.ie](http://www.breglobalireland.ie)

**APPENDIX to Certificate of constancy of performance: 2831-CPR-F0277****WSS-xC-Iyy Analogue Addressable Wall Mounted Sounder / LED Strobe with Short Circuit Isolator****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;



P Halligan, Certification Engineer,

On behalf of BRE Global Assurance (Ireland) Limited

Date of First Issue: 16 October 2019

Date of issue: 16 October 2019

Issue number: 01

To check the validity of this certificate, please contact us on +353 (0) 18824344 or email [enquiries@breglobalireland.ie](mailto:enquiries@breglobalireland.ie).

**BRE Global Ireland****Notified Body No. 2831**

BRE Global Assurance (Ireland) Limited  
DCU Alpha, Old Finglas Road  
Glasnevin, Dublin, D11 KXN4  
Ireland

T: +353 (0) 18824344

E: [enquiries@breglobalireland.ie](mailto:enquiries@breglobalireland.ie)  
[www.breglobalireland.ie](http://www.breglobalireland.ie)

**APPENDIX to Certificate of constancy of performance: 2831-CPR-F0277**

- 17) Intermittent 2810, 1Hz;
- 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



P Halligan, Certification Engineer,

On behalf of BRE Global Assurance (Ireland) Limited

Date of First Issue: 16 October 2019

Date of issue: 16 October 2019

Issue number: 01

To check the validity of this certificate, please contact us on +353 (0) 18824344 or email [enquiries@breglobalireland.ie](mailto:enquiries@breglobalireland.ie).