

## BRE Global Ireland

**Notified Body No. 2831**  
BRE Global Assurance (Ireland) Limited  
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## Certificate of constancy of performance

**2831-CPR-F0256**

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)

### CWSS-RB-YY Conventional Sounder Beacon

*(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):

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

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Thornhill Road  
North Moons Moat  
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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

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the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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

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

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**APPENDIX to Certificate of constancy of performance: 2831-CPR-F0256****CWSS-RB-YY Conventional Sounder Beacon****Bases:**

CSW 19mm shallow back box – white IP21C

CSR 19mm shallow back box – red IP21C

CWW 45mm deep back box – white IP33C

CWR 45mm deep back box – red IP33C

**Notes:**

1. Type A with CSW / CSR shallow back box, Type B with CWW / CWR deep back box  
Where W = White  
Where R = Red
2. **RB** indicates red body / red lens + red LED
3. The beacon function is not included in the scope of the approval
4. **YY** indicates mounting option. Where S7 = shallow base (standard fix)  
Where S8 = shallow base (first fix)  
Where W7 = deep base (standard fix)  
Where W8 = deep base (first fix)
5. Meets the requirements of EN54-3: 2001 at the following tones:
  - 1) 554/440, 2Hz (100ms/400ms);
  - 2) 800/970, 1Hz;
  - 3) 800/970, 2Hz;
  - 4) 2400/2900, 3Hz;
  - 5) 2500/3100, 2Hz;
  - 6) 988/645, 2Hz;
  - 7) 660Hz;
  - 8) 970Hz;
  - 9) 1200Hz;
  - 10) 2850Hz;
  - 11) 2400Hz, alternating between frequencies 2400Hz, 3100Hz & 988Hz
  - 12) 420Hz, 0.625s on, 0.625 sec off;
  - 13) 500-1200Hz, 0.25 sec off, 3.75 sec on;
  - 14) 660, 3.33Hz, 150ms on, 150ms off;
  - 15) 970, 0.8Hz 0.25s on, 1s off;
  - 16) 970, 0.5Hz 1s on, 1s off;



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- 17) 2810, 1Hz;
- 18) 970, 1Hz 500ms on, 500ms off;
- 19) 950, 0.22Hz (0.5s on, 0.5s off) x 3, 1.5s off;
- 20) 800Hz;
- 21) 400-1200Hz, (0.5s on, 0.5s off) x 3, 1.5s off;
- 22) 1200 – 500Hz, 0.99Hz 1s on, 0.01s off;
- 23) 2400 – 2850, 7Hz;
- 24) 500 – 1200Hz, (0.5s off, 3.5s on);
- 25) 800 – 970, 50Hz;
- 26) 800 – 970, 7Hz;
- 27) 800 – 970, 1Hz;
- 28) 2400 – 2850, 50Hz;
- 29) 500 – 1000, 7Hz;
- 30) 500 – 1200 – 500, 0.166Hz rise 1s, stable 4s, fall 1s;
- 31) 800 – 1000, 2Hz;
- 32) 2400 – 2850, 1Hz;

**Variant**

CWSS-WB-YY Conventional Sounder Beacon  
WB = white body / red lens + red LED



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