BRE Global

Notified Body No. 0832

BRE Global Limited
Bucknalls Lane, Garston, Watford, Hertfordshire, UK, WD25 9XX
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Email: enquiries@breglobal.com Web: www.breglobal.com

Certificate of constancy of performance

0832-CPR-F0259

In compliance with Regulation 305/2011/EU 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

CWSS-RR-ZZ Conventional Sounder Beacon

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

Produced by or for

KAC Alarm Company Ltd

Thornhill Road
North Moons Moat
Redditch
B98 9ND
United Kingdom

and produced in the manufacturing plant(s)

KAC Alarm Company Ltd

Thornhill Road
North Moons Moat
Redditch
B98 9ND
United Kingdom

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances 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 are applied and that

the product fulfils all the prescribed requirements set out above.

This certificate was first issued on 17 April 2014 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

M McCullagh, Certification Manager
On behalf of BRE Global Limited
Date of issue: 17 April 2014
Issue number: 01

This certificate remains the property of BRE Global Ltd and is issued subject to terms and conditions.
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Appendix to Certificate of constancy of performance 0832-CPR- F0259

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. The ceiling / wall mounted VAD meets the requirements of EN 54-23: 2010 for the following category (light pattern details):
- Category O: Open class only (Refer to installation manual)
- Flash rate 0.5Hz
- Synchronization
2. Type A with CSW / CSR shallow back box, Type B with CWW / CWR deep back box
Where W = White
Where R = Red
3. RR indicates red body / clear lens + red LED
4. ZZ indicates mounting option. Where S3 = shallow base (standard fix)
Where S4 = shallow base (first fix)
Where W3 = deep base (standard fix)
Where W4 = deep base (first fix)
5.Meets the requirements of EN54-3: 2001 for 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;
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;



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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

Variants
CWSS-WR-ZZ Conventional Sounder Beacon
WR = white body / clear lens + red LED

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