

EC DECLARATION OF PERFORMANCE

According to EU Construction Products Regulation No. 305/2011

1. Unique Product Identification Code(s): CWSS

2. Type Number(s):
CWSS-RW-[YY]
CWSS-WW-[YY]
CWSS-RR-[YY]
CWSS- WR-[YY]

Where:

- CWSS-RW-[YY] indicates a red body / clear lens / white LED
- CWSS-WW-[YY] indicates a white body / clear lens / white LED
- CWSS-RR-[YY] indicates red body, clear lens and red LED
- CWSS-WR-[YY] indicates white body, clear lens, red LED

[YY] Denotes mounting options:

- S5 = Shallow back box (standard fix)
- S6 = Shallow back box (first fix)
- W5 = Deep back box (standard fix)
- W6 = Deep back box (first fix)

Approved Accessories

- CSW/CSR 19mm shallow back box – white/red
- CWW/CWR 45mm deep back box – white/red

Description:

Conventional Sounder Beacon

3. Intended Use:

Fire detection and fire alarm systems installed in and around buildings

4. Manufacturer:

KAC Alarm Company
KAC House
Thornhill Road
North Moons Moat
Redditch
B98 9ND
UK

5. Trading Company:

KAC Alarm Company
KAC House
Thornhill Road
North Moons Moat
Redditch
B98 9ND
UK

6. System of assessment:

System 1

7. Notified Body:

BRE Global Ltd

Notified Body Number:

0832

EC Certificate Number(s)

0832-CPR-F0261 – CWSS-*W models
0832-CPR-F0262 – CWSS-*R models

8. European Technical Assessment
Reference:

Not Applicable

9. Declared Performance:

EN 54-3: Fire Detection and Fire Alarms Systems – Sounders		
Clause	Essential Characteristic	Performance
4.1.	Compliance	Pass
4.2.	Sound level	Pass
4.3.	Frequency and sound pattern	Pass
4.4.	Durability	Pass
4.5.	Construction	Pass
4.6.	Marking and data	Pass

5.2	Reproducibility	Pass
5.3	Operational performance	Pass
5.4	Durability	Pass
5.5	Dry heat (operational)	Pass
5.6	Dry heat (endurance)	Pass
5.7	Cold (operational)	Pass
5.8	Damp heat, cyclic (operational)	Pass
5.9	Damp heat, steady state (endurance)	Pass
5.10	Damp heat cyclic (endurance)	Pass
5.11	Sulphur dioxide (SO ₂) corrosion (endurance)	Pass
5.12	Shock (operational)	Pass
5.13	Impact (operational)	Pass
5.14	Vibration, sinusoidal (operational)	Pass
5.15	Vibration, sinusoidal (endurance)	Pass
5.16	Electromagnetic compatibility (EMC) immunity (operational)	Pass
5.17	Enclosure protection	Pass

EN 54-23: Fire Detection and Fire Alarms Systems – Visual Alarm Devices		
Clause	Essential Characteristic	Performance
4.2.1	Duration of operation	Pass
4.2.2	Provision for external conductors	Pass
4.2.3	Flammability of materials	Pass
4.2.4	Enclosure protection	Pass – IP21C
4.2.5	Access	Pass
4.2.6	Manufacturer's adjustments	Pass
4.2.7	On site adjustments of behaviour	Pass
4.2.8	Requirements for software controlled devices	Pass
4.3.1	Coverage volume	Pass – Cat W and C
4.3.2	Variation of light output	Pass
4.3.3	Minimum and maximum effective luminous intensity	Pass
4.3.4	Light colour	Pass
4.3.5	Light temporal pattern and frequency of flashing	Pass
4.3.6	Marking and data	Pass
4.3.7	Synchronization (option with requirements)	Pass
4.4.1	Temperature resistance	Pass
4.4.2	Humidity resistance	Pass
4.4.3	Shock and vibration resistance	Pass
4.4.4	Corrosion resistance – Sulphur dioxide (SO ₂) corrosion (endurance)	Pass
4.4.5	Electrical stability – EMC, immunity (operational)	Pass

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4

Signed For and on behalf of: KAC Alarm Company Ltd



Name: Russell McNamara

Function: Site Leader

Date and Place of issue: Redditch 7th December 2017