

Procedure:	EC DECLARATION OF PERFORMANCE		
Document No:	DOP0010	Issue No:	1
Form:	KAC826-01	Date:	28 <sup>th</sup> June 2013
Approved By:	William Nock (QA Manager)		

**According to EU Construction Products Regulation No. 305/2011**

1. Unique Product Identification Code(s): BSS,WSS
2. Type Number(s):
  - BSS-[ab]- I[cd] (Isolation)
  - WSS-[ab]- I[cd] (Isolation)

Where :

- [ab] indicates colour
- [cd] indicates customer reference

Description: Audio Visual devices.

3. Intended Use: Detection and alarm systems installed in and around buildings

4. Manufacturer: KAC Alarm Company Limited  
KAC House, Thornhill Road,  
North Moons Moat,  
Redditch, B98 9ND, UK

5. Trading Company: KAC Alarm Company Limited  
KAC House, Thornhill Road,  
North Moons Moat,  
Redditch, B98 9ND, UK

6. System of assessment: System 1

7. Notified Body: LPCB – BRE  
Bucknalls Lane  
Garston  
Watford  
WD25 9XX

Notified Body Number: 0832

EC Certificate Number(s)  
BSS-I00 – 0832-CPD-1826  
BSS-I01 – 0832-CPD-1826  
BSS-I02 – 0832-CPD-1816  
BSS-I05 – 0832-CPD-1834  
BSS-I06 – 0832-CPD-1826  
BSS-I07 – 0832-CPD-1826  
BSS-I33 – 0832-CPD-1826  
BSS-I34 – 0832-CPD-1826  
BSS-I46 – 0832-CPD-1826  
WSS-I00– 0832-CPD-1824  
WSS-I01– 0832-CPD-1824  
WSS-I02– 0832-CPD-1812  
WSS-I05– 0832-CPD-1832  
WSS-I06– 0832-CPD-1824  
WSS-I07– 0832-CPD-1824  
WSS-I33– 0832-CPD-1824  
WSS-I34– 0832-CPD-1824  
WSS-I46– 0832-CPD-1824

8. European Technical Assessment Reference: Not Applicable

9. Declared Performance:

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EN54-3: Fire Detection and Fire Alarm Systems – Sounders		
Clause	Description	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
5.1	General	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 <sub>2</sub> ) 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 54-17: Fire Detection and Fire Alarm Systems - Short Circuit Isolators		
Clause	Description	Performance
4.1.	Compliance	Pass
4.2.	Integral status indication	Pass
4.3.	Connection of ancillary devices	Pass
4.4.	Monitoring of detachable short circuit isolators	Pass
4.5.	Manufacturer's adjustments	Pass
4.6.	On site adjustments	Pass
4.7.	Marking	Pass
4.8.	Data	Pass
4.9.	Additional requirements for software controlled short circuit isolators	Pass
5.1	General	Pass
5.2	Reproducibility	Pass
5.3	Variation in supply voltage	Pass
5.4	Dry heat (Operational)	Pass
5.5	Cold (operational)	Pass
5.6	Damp heat cyclic (operational)	Pass
5.7	Damp heat steady state (Endurance)	Pass
5.8	Sulphur dioxide (SO <sub>2</sub> ) corrosion (Endurance)	Pass
5.9	Shock (Operational)	Pass
5.10	Impact (Operational)	Pass
5.11	Vibration, sinusoidal (operational)	Pass
5.12	Vibration, sinusoidal (Endurance)	Pass
5.13a	Electrostatic Discharge (Operational)	Pass
5.13.b	Radiated Electromagnetic Fields (Operational)	Pass
5.13.c	Conducted Substances Induced by electromagnetic fields (Operational)	Pass
5.13.d	Fast Transient bursts (Operational)	Pass
5.13.e	Slow high energy surges (Operational)	Pass

We hereby declare that the product identified above meets the requirements of the following EC Directives and therefore qualify for free movement within markets comprising the European Union (EU) and the European Economic Area (EEA):

**Conforms to:**

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- EMC Directive 2004/108/EC
- Low Voltage Directive (LVD) 2006/95/EC

**Approved Accessories: -**

B501AP- low profile base  
B[ab] – deep base,  
W[ab] – waterproof base

Where :

- [ab] indicates colour

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 manufacture identified below.

For and on behalf of  
KAC Alarm Company.

Signature  .....

William Nock (Quality Manager)

DATE:8/7/13

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