

Procedure:	EC DECLARATION OF PERFORMANCE		
Document No:	DOP0043	Issue No:	1
Form:	KAC826-01	Date:	17 December 2015
Approved By:	William Nock (QA Manager)		

According to EU Construction Products Regulation No. 305/2011

1. Unique Product Identification Code(s): VAD
2. Type Number(s):
 - VAD-PC- I[ab] (Isolation)

Where :

 - [ab] 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) VAD-PC-Ixx – 0832-CPR-F1210
VAD-PC-I02(NFXI-WCF-WC)– 0832-CPR-F1212
VAD-PC-I05(MI-VAD-WC-I) – 0832-CPR-F1344
8. European Technical Assessment Reference: Not Applicable
9. Declared Performance:

EN 54-17:2005/AC:2007 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

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5.8	Sulphur dioxide (SO ₂) 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

EN 54-23:2010 Fire Detection and Fire Alarm Systems – Visual Alarm Devices		
Clause	Description	Performance
4.1	General	Pass
4.2	Operational reliability	Pass
4.3	Performance parameters under fire conditions	Pass
4.4	Durability	Pass
5.1	General	Pass
5.2	Operational reliability	Pass
5.3	Performance parameters under fire conditions	Pass
5.4	Durability	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:

- EMC Directive 2004/108/EC
- Low Voltage Directive (LVD) 2006/95/EC
- RoHS Directive 2011/65/EU

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: 17/12/15

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

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