

BRE Global Limited

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EC-CERTIFICATE OF CONFORMITY

0832 - CPD - 1825

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction product

**BSO-xx-lyy Analogue addressable Type A integrated base sounder with short circuit isolator
for use in fire detection and alarm systems**

(For conditions of use for the product see the attached appendix)

placed on the market by

**System Sensor Europe, Honeywell Life Safety Distribution AG
Wilstrasse 11 (Building U31), 8610 USTER, Switzerland**

and produced in the factory

**KAC Alarm Company Ltd
KAC House, Thornhill Road, North Moons Moat, Redditch, Worcestershire, B98 9ND**

is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan. The initial type-testing for the relevant characteristics of the product, the initial inspection and continuous surveillance of the factory and factory production control has been performed under the control of the approved body BRE Global Limited.

This certificate attests that all provisions concerning the attestation of conformity (Level 1) and the performances described in Annex ZA of the standard(s)

**EN 54 - 3: 2001 + A1: 2002 + A2: 2006 - Sounders
EN 54 - 17: 2005 - Short circuit isolators**

were applied and that the product fulfils all the prescribed requirements.

This certificate was first issued on 4/5/2011 and remains valid as long as the product continues to be manufactured and the conditions laid down in the harmonised technical specification referenced or the manufacturing conditions in the factory or the FPC itself are not modified significantly and the required annual FPC assessments are maintained.



Eman Mattie-Suleiman
Certification Manager
For and on behalf of BRE Global Limited

Date Of Issue: 4/5/2012
Issue Number: 1
Page: 1 of 2

This certificate remains the property of BRE Global Limited and is issued subject to terms and conditions and is maintained and held in force through regular Factory Production Control audits.
To check the authenticity of this certificate, please visit our website or contact us.

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Appendix to EC Certificate of conformity 0832 - CPD - 1825

The details and conditions of use for the BSO-xx-Iyy Analogue addressable Type A integrated base sounder with short circuit isolator, placed on the market by System Sensor Europe, Honeywell Life Safety Distribution AG, Wilstrasse 11 (Building U31), 8610 USTER, Switzerland are:

To be used in accordance with the suppliers installation instructions and in conjunction with the following bases, ancillaries, sounder tones and sensitivity settings (*where applicable*):

Bases:

B501AP low profile base, pure white
B501AP-IV low profile base, detector white
BRR deep base, red
BDD deep base, detector white
BPW deep base, pure white
WRR waterproof base, red
WDD waterproof base, detector white
WPW waterproof base, pure white

Sounder 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) 150-1000, rise 10s, stable 40s, fall 10s, stable 20s, then repeating.
- 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) 2850, 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



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