

BRE Global Limited

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EC-CERTIFICATE OF CONFORMITY

0832 - CPD - 2117

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

45681-393AMP Discovery Sounder Beacon Base 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

AMPAC Technologies Pty Ltd
7 Ledger Road, Balcatta 6021, Western Australia

and produced in the factory

Apollo Fire Detectors Limited
36 Brookside Road, Havant, Hampshire, PO9 1JR, UK

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 - Fire detection and fire alarm systems - Fire alarm devices - Sounders

EN 54 - 17: 2005 - Fire detection and fire alarm systems - Short circuit isolators

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

This certificate was first issued on 5/12/2012 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: 5/12/2012
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 - 2117

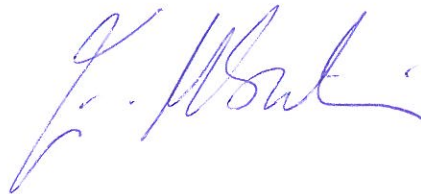
The details and conditions of use for the 45681-393AMP Discovery Sounder Beacon Base with Short Circuit Isolator, placed on the market by AMPAC Technologies Pty Ltd, 7 Ledger Road, Balcatta 6021, Western Australia are:

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*):

Sounder Tones:

- T0 - Apollo Alert Tone: 1s off, 1s 825Hz
- T1 - Apollo Evacuation Tone: 550Hz for 0.5s, 825Hz for 0.5s
- T2 - Continuous: 825Hz
- T3 - Dutch Slow Whoop (sweep): 500 Hz - 1200Hz for 3.5s, 0.5s off
- T4 - DIN Tone (sweep): 1200Hz - 500Hz for 1s
- T11 - Continuous (Hochiki & Fulleon): 925Hz
- T12 - Alternating - (Hochiki & Fulleon): 925Hz for 0.25s, 626Hz for 0.25s
- T13 - Evacuation Tone: 970Hz continuous
- T14 - Medium Sweep: 800Hz to 970Hz at 1 Hz
- T17 - Swedish all clear signal - Continuous: 660Hz
- T18 - Swedish Fire Tone: 660 Hz, 150ms on, 150ms off

The 45681-393 is approved for sounder volumes 2-7 only.



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