

Certificate of constancy of performance,

0832-CPR-F0945

In compliance with Regulation 305/2011/EU of the European Parliament and of the council of 9th March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

BF433A/CX/DR, Hi-Output Addressable Type B (outdoor) Wall Sounder VAD with Short Circuit Isolator, Deep Base (Red) (Apollo Discovery)

(For full product details and conditions of use refer to appendix)

Produced by or for

Computationics (trading as C-TEC) Ltd

**Challenge Way
Martland Park
Wigan, Lancashire
WN5 0LD
United Kingdom**

and produced in the manufacturing plant(s)

C-TEC

**Challenge Way
Martland Park
Wigan, Lancashire
WN5 0LD
United Kingdom**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard(s)

**EN 54-3: 2003 + A1: 2002 + A2: 2006 Sounders
EN 54-17: 2005 Short circuit isolators
EN 54-23: 2010 Visual alarm devices**

under system 1 are applied and that

the product fulfils all the prescribed requirements set out above.

This certificate was first issued on 16 October 2015 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.



M McCullagh, Certification Manager
On behalf of BRE Global Limited
Date of issue: 16 October 2015
Issue number: 01

This certificate remains the property of BRE Global Ltd and is issued subject to terms and conditions.
To check the validity of this certificate, please contact us on +44 (0)1923 664100 or email enquiries@breglobal.com.

Appendix to Certificate of constancy of performance 0832-CPR- F0945

Notes:

1. Meets the requirements of EN 54-23 for the following:

- Category W-2.4-8.2
- Flash rate 0.5Hz
- Synchronization
- Operating voltage range 21-28 VDC

2. Meets the requirements of EN 54-3 for the following:

- Evacuate, 572Hz for 0.5s, 720Hz for 0.5s
- Alternating, 962Hz for 0.25s, 572Hz for 0.25s
- Dutch slow sweep, 500Hz to 1200Hz for 3.5s on, 0.5s off
- Operating voltage range 17-28 VDC



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