

BRE Global Limited & LPCB

Bucknalls Lane, Garston, Watford, Hertfordshire, United Kingdom WD25 9XX

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EC-CERTIFICATE OF CONFORMITY

0832 - CPD - 1008

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

FNM-420-A-BS-RD analogue addressable, type A fire alarm base sounder for use in fire detection and alarm systems

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

placed on the market by

Bosch Sicherheitssysteme GmbH
Postfach 12 70, 85504 Ottobrunn, Germany

and produced in the factory

Cooper Fulleon Limited
Llantarnam Park, Cwmbran, South Wales, NP44 3AW

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 - 17: 2005 - Fire detection and fire alarm systems - Short circuit isolators
EN 54 - 3: 2001 + A1: 2002 + A2: 2006 - Fire detection and fire alarm systems - Fire alarm devices - Sounders

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

This certificate was first issued on 24/11/2009 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.

Paul Stevens
For and on behalf of BRE Global Limited



Date of Issue: 30/11/2009
Issue Number: 2
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 - 1008

The details and conditions of use for the FNM-420-A-BS-RD analogue addressable, type A fire alarm base sounder, placed on the market by Bosch Sicherheitssysteme GmbH Postfach 12 70, 85504 Ottobrunn, Germany 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:

DIN Tone - 1200Hz to 500Hz (1Hz)

Continuous Tone - 970Hz

Intermittent Tone - 970Hz, 0.5s On / 0.5s Off, 3 tones per 4 cycles

Slow Whoop - 500Hz to 1200Hz (3.5s sweep, 0.5s silence then repeat)

Variants:

FNM-420-A-BS-WH analogue addressable, type A fire alarm base sounder



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