

BRE Global

UK Approved Body No. 0832

BRE Global Limited
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Certificate of UKCA approval constancy of performance 0832-UKCA-CPR-F0912

In compliance with the Construction Product Regulations 2020, UK Statutory Instruments 2020 No.1359 of Ministry of Housing, Communities and Local Government. This certificate applies to the construction product.

FDS224-R Analogue Addressable Type B Sounder with Short Circuit Isolator, Red Body

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

Placed on the market under the name or trademark of: and produced in the manufacturing plant(s):

Siemens Switzerland Ltd
Theilerstrasse 1a
CH-6300 Zug
Switzerland

Beijing Siemens Cerberus Electronics Ltd
No.1, Feng Zhi Dong Lu
Xi Bei Wang
Haidian District
Beijing 100094
China

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

EN 54-3:2001 + A1:2002 + A2:2006 Sounders EN 54-17:2005 Short Circuit Isolators

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure

the constancy of performance of the construction product.

This certificate was first issued on 12 May 2022 and will remain valid as long as neither the designated standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the approved product certification body.



P Halligan, Technical Manager

On behalf of BRE Global Limited

Date of First Issue: 12 May 2022

Issue Date: 12 May 2022

Issue Number: 01

To check the validity of this certificate, please contact us on +44 (0)333 321 8811 or email enquiries@breglobal.com

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APPENDIX to Certificate of constancy of performance: 0832-UKCA-CPR-F0912**FDS224-R Analogue Addressable Type B Sounder with Short Circuit Isolator, Red Body**

Notes:

1. Meets the requirement of EN 54-3 at the following tones:

- 1 - Continuous 970Hz
- 2 - Intermittent 950Hz, 1s on, 1s off
- 3 - Sweep down 1200Hz to 500Hz, 1s period
- 4 - Slow whoop 500Hz to 1200Hz, 4s period, 3.5s sweep, 0.5s off
- 5 - Pulse tone 500Hz, 0.15s on, 0.1s off
- 6 - Intermittent 500Hz, 0.15s on, 0.6s off
- 7 - Continuous 500Hz
- 8 - Alternating 560Hz and 440Hz, 0.1s and 0.4s
- 9 - Intermittent 420Hz, 0.6s on, 0.65s off
- 10 - Slow whoop sweep up 500Hz to 1200Hz, 3.75s sweep, 0.25s off
- 11 - Intermittent 970Hz, three pulse 0.5s with 0.5s off, then 1.5s gap
- 12 - Sweep-up 800Hz to 970Hz, 1/7s period
- 13 - Industrial alarm 150Hz to 1000Hz, 10s rise, 40s hold at 1000Hz, 10s fall

2. Operating voltage range 12-33V

Bases:

FDB226-R / FDB226-W Base (IP33C)
FDB227-R / FDB227-W Deep base (IP33C)

Variant:

FDS224-W Analogue Addressable Type B Sounder with Short Circuit Isolator, White Body



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