

BRE Global Ireland

Notified Body No. 2831
BRE Global Assurance (Ireland) Limited
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Glasnevin, Dublin, D11 KXN4
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Certificate of constancy of performance

2831-CPR-F2547

In compliance with Regulation (EU) No. 305/2011 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(s)

FDS225-R Analogue Addressable Type B Voice 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 trade mark of:

Siemens Switzerland Ltd
Theilerstrasse 1a
CH-6300 Zug
Switzerland

and produced in the manufacturing plant(s):

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 17 October 2019 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.



E. Mattie-Suleiman, Certification Engineer

Date of First Issue: 17 October 2019

Date of Issue: 17 October 2019

On behalf of BRE Global Assurance (Ireland) Limited

Issue number 01

To check the validity of this certificate, please contact us on +353 (0) 18824344 or email enquiries@breglobalireland.ie.

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APPENDIX to Certificate of constancy of performance: 2831-CPR-F2547**FDS225-R Analogue Addressable Type B Voice 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:

FDS225-W Analogue Addressable Type B Voice Sounder with Short Circuit Isolator, White Body



E. Mattie-Suleiman, Certification Engineer,
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