

## BRE Global Ireland

### Notified Body No. 2831

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## Certificate of constancy of performance

### 2831-CPR-F4605

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)

#### FDS366-RR Analogue Addressable Type B Sounder Beacon VAD with SCI, Red Body, Red LEDs

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

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

**Siemens Switzerland Ltd**  
Theilerstrasse 1a  
CH-6300 Zug  
Switzerland

**Beijing Siemens Cerberus Electronics Limited**  
No 1, Feng Zhi Dong Lu  
Xi Bei Wang, Haidian District  
Beijing 1000094  
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**  
**EN 54-23:2010 Visual Alarm Devices**

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 23 March 2021 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.



P Halligan, Certification Engineer

On behalf of BRE Global Assurance (Ireland) Limited

Date of First Issue: 23 March 2021

Date of Issue: 23 March 2021

Issue number 01

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## APPENDIX to Certificate of constancy of performance: 2831-CPR-F4605

### FDS366-RR Analogue Addressable Type B Sounder Beacon VAD with SCI, Red Body, Red LEDs

#### 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. Meets the requirements of EN 54-23 at the following:

- W-2.4-7.5 (Medium Beacon Intensity)
- Flash Rate 0.5Hz
- Operating Voltage Range 16-33V

#### Bases:

- FDB226-R Base
- FDB227-R Deep Base
- FDB226-W Base
- FDB227-W Deep Base

#### Variant:

FDS366-WR Analogue Addressable Type B Sounder Beacon VAD with SCI, White Body, Red LEDs



P Halligan, Certification Engineer,

On behalf of BRE Global Assurance (Ireland) Limited

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