

## Certificate of Product Approval

Certificate Number: 531z-(cl-1)

Issue: 01

### Siemens Switzerland Ltd

Theilerstrasse 1a  
CH-6300 Zug  
Switzerland



is certified by BRE Global Ltd. and is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirement(s) of the standards as detailed below:

#### Products

##### Visual Alarm Devices

FDS366-RR  
FDS366-RW  
FDS366-WR  
FDS366-WW

(refer to Appendix for details)

#### Standards

EN 54-3:2014 + A1:2019  
EN 54-17:2005  
EN 54-23:2010

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for BRE Global Ltd

P Halligan

Verifier

23 March 2021

Date of Issue

23 March 2021

Date of First Issue



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## Appendix to Certificate No: 531z-(cl-1)

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### Siemens Switzerland Ltd

Certified Product	Description	LPCB Ref.No.
FDS366-RR	<p>Analogue Addressable Type B Sounder Beacon VAD with SCI, Red Body, Red LEDs (FDB226-R, FDB227-R bases)</p> <p>Notes:</p> <ol style="list-style-type: none"> <li>Meets the requirement of EN 54-3 at the following tones:                             <ol style="list-style-type: none"> <li>Continuous 970Hz</li> <li>Intermittent 950Hz, 1s on, 1s off</li> <li>Sweep down 1200Hz to 500Hz, 1s period</li> <li>Slow whoop 500Hz to 1200Hz, 4s period, 3.5s sweep, 0.5s off</li> <li>Pulse tone 500Hz, 0.15s on, 0.1s off</li> <li>Intermittent 500Hz, 0.15s on, 0.6s off</li> <li>Continuous 500Hz</li> <li>Alternating 560Hz and 440Hz, 0.1s and 0.4s</li> <li>Intermittent 420Hz, 0.6s on, 0.65s off</li> <li>Slow whoop sweep up 500Hz to 1200Hz, 3.75s sweep, 0.25s off</li> <li>Intermittent 970Hz, three pulse 0.5s with 0.5s off, then 1.5s gap</li> <li>Sweep-up 800Hz to 970Hz, 1/7s period</li> <li>Industrial alarm 150Hz to 1000Hz, 10s rise, 40s hold at 1000Hz, 10s fall</li> </ol> </li> <li>Meets the requirements of EN 54-23 at the following:                             <ul style="list-style-type: none"> <li>W-2.4-7.5 (Medium Beacon Intensity)</li> <li>Flash Rate 0.5Hz</li> <li>Operating Voltage Range 16-33V</li> </ul> </li> </ol>	531z/01
FDS366-RW	<p>Analogue Addressable Type B Sounder Beacon VAD with SCI, Red Body, White LEDs (FDB226-R, FDB227-R bases)</p> <p>Notes:</p> <ol style="list-style-type: none"> <li>Meets the requirement of EN 54-3 at the following tones:                             <ol style="list-style-type: none"> <li>Continuous 970Hz</li> <li>Intermittent 950Hz, 1s on, 1s off</li> <li>Sweep down 1200Hz to 500Hz, 1s period</li> <li>Slow whoop 500Hz to 1200Hz, 4s period, 3.5s sweep, 0.5s off</li> <li>Pulse tone 500Hz, 0.15s on, 0.1s off</li> <li>Intermittent 500Hz, 0.15s on, 0.6s off</li> </ol> </li> </ol>	531z/02

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## Appendix to Certificate No: 531z-(cl-1)

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### Siemens Switzerland Ltd

Certified Product	Description	LPCB Ref.No.
	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	
FDS366-WR	Analogue Addressable Type B Sounder Beacon VAD with SCI, White Body, Red LEDs (FDB226-W, FDB227-W bases) 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)	531z/01

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## Appendix to Certificate No: 531z-(cl-1)

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Certified Product	Description	LPCB Ref.No.
FDS366-WW	<p>Flash Rate 0.5Hz Operating Voltage Range 16-33V</p> <p>Analogue Addressable Type B Sounder Beacon VAD with SCI, White Body, White LEDs (FDB226-W, FDB227-W bases)</p> <p>Notes:</p> <ol style="list-style-type: none"> <li>Meets the requirement of EN 54-3 at the following tones:               <ol style="list-style-type: none"> <li>Continuous 970Hz</li> <li>Intermittent 950Hz, 1s on, 1s off</li> <li>Sweep down 1200Hz to 500Hz, 1s period</li> <li>Slow whoop 500Hz to 1200Hz, 4s period, 3.5s sweep, 0.5s off</li> <li>Pulse tone 500Hz, 0.15s on, 0.1s off</li> <li>Intermittent 500Hz, 0.15s on, 0.6s off</li> <li>Continuous 500Hz</li> <li>Alternating 560Hz and 440Hz, 0.1s and 0.4s</li> <li>Intermittent 420Hz, 0.6s on, 0.65s off</li> <li>Slow whoop sweep up 500Hz to 1200Hz, 3.75s sweep, 0.25s off</li> <li>Intermittent 970Hz, three pulse 0.5s with 0.5s off, then 1.5s gap</li> <li>Sweep-up 800Hz to 970Hz, 1/7s period</li> <li>Industrial alarm 150Hz to 1000Hz, 10s rise, 40s hold at 1000Hz, 10s fall</li> </ol> </li> <li>Meets the requirements of EN 54-23 at the following:               <ul style="list-style-type: none"> <li>W-2.4-7.5 (Medium Beacon Intensity)</li> <li>Flash Rate 0.5Hz</li> <li>Operating Voltage Range 16-33V</li> </ul> </li> </ol>	531z/02

#### Bases

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

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