# LPCB®

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# Certificate of Product Approval

Certificate Number: 531y-(cl-1)

lssue: 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**

Alarm Warning Devices FDS364-R FDS364-W (refer to Appendix for details)

### **Standards**

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

PКЕ

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

1. Malligar.	P Halligan	23 March 2021	23 March 2021	
Signed for BRE Global Ltd	Verifier	Date of Issue	Date of First Issue	



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Appendix to Certificate No: 531y-(cl-1) Siemens Switzerland Ltd

### Certified LPCB Description Ref.No. Product FDS364-R Analogue Addressable Type B Sounder with Short Circuit Isolator, Red Body 531y/01 (FDB226-R, FDB227-R 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. Operating voltage range 12-33V Analogue Addressable Type B Sounder with Short Circuit Isolator, White Body FDS364-W 531y/01 (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

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P. Malligan	P Halligan	23 March 2021	23 March 2021
Signed for BRE Global Ltd	<sup>Verifier</sup>	Date of Issue	Date of First Issue
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# Issue: 01



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

Issue: 01

## Siemens Switzerland Ltd

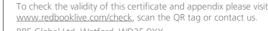
Certified Product	Description	LPCB Ref.No.
	9 - Intermittent 420Hz, 0.6s on, 0.65s off 10 - Slow whoop sweep up 500Hz to 1200Hz, 3.75s sweep, 0.25s off 11 - Intermittent 970Hz, three pulse 0.5s with 0.5s off, then 1.5s gap 12 - Sweep-up 800Hz to 970Hz, 1/7s period 13 - Industrial alarm 150Hz to 1000Hz, 10s rise, 40s hold at 1000Hz, 10s fall	
	2. Operating voltage range 12-33V	

### **Bases**

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

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P. Walligar.	P Halligan	23 March 2021	23 March 2021	
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PRODUCT CERTIFICATION

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