

Certificate of Product Approval

Certificate Number: 539c

Issue: 01

Hosiden Besson Limited

12 St Joseph's Close Trading Estate
St Joseph's Close
Hove
East Sussex
BN3 7EZ
United Kingdom

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

Banshee Excel
Banshee Excel Bi-Polar
Banshee Excel Lite
LED Banshee Excel Lite

Standards

EN 54-3:2001 +A1:2002 +A2:2006

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



Signed for LPCB

P Halligan
Verifier

10 February 2017
Date of Issue

10 February 2017
Date of First Issue



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Appendix to Certificate No: 539c Hosiden Besson Limited

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Certified Product	Description	LPCB Ref.No.
Banshee Excel	Banshee Excel Audible Warning Device Notes: 1. Type A with Shallow Base, Type B with Deep Base 2. Meets the requirements of EN 54-3:2001 with the following tones: - Tone A, Banshee Fast Sweep LF, 800Hz to 950Hz @ 9Hz - Tone B, Medium Sweep LF, 800Hz to 970Hz @ 1Hz - Tone C, Slow Whoop, 500Hz rising to 1200Hz over 3.5s, silence 0.5s - Tone D, DIN Tone (DK), 1200Hz falling to 500Hz over 1s, silence 10ms - Tone E, French Fire Sounder, 554Hz for 100ms and 440Hz for 400ms	539c/01
Banshee Excel Bi-Polar	Banshee Excel Audible Warning Device Notes: 1. Approved to Type A Indoor only with Shallow Base 2. Meets the requirements of EN 54-3:2001 with the following tones: - Tone A, Banshee Fast Sweep LF, 800Hz to 950Hz @ 9Hz - Tone B, Medium Sweep LF, 800Hz to 970Hz @ 1Hz - Tone C, Slow Whoop, 500Hz rising to 1200Hz over 3.5s, silence 0.5s - Tone D, DIN Tone (DK), 1200Hz falling to 500Hz over 1s, silence 10ms - Tone E, French Fire Sounder, 554Hz for 100ms and 440Hz for 400ms	539c/02
Banshee Excel Lite	Banshee Excel Lite Xenon Audible Warning Device Notes: 1. Type A with Shallow Base, Type B with Deep Base 2. Meets the requirements of EN 54-3:2001 with the following tones: - Tone A, Banshee Fast Sweep LF, 800Hz to 950Hz @ 9Hz - Tone B, Medium Sweep LF, 800Hz to 970Hz @ 1Hz - Tone C, Slow Whoop, 500Hz rising to 1200Hz over 3.5s, silence 0.5s - Tone D, DIN Tone (DK), 1200Hz falling to 500Hz over 1s, silence 10ms - Tone E, French Fire Sounder, 554Hz for 100ms and 440Hz for 400ms	539c/03

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Certified Product	Description	LPCB Ref.No.
LED Banshee Excel Lite	Banshee Excel Lite LED Audible Warning Device Notes: 1. Type A with Shallow Base, Type B with Deep Base 2. Meets the requirements of EN 54-3:2001 with the following tones: - Tone A, Banshee Fast Sweep LF, 800Hz to 950Hz @ 9Hz - Tone B, Medium Sweep LF, 800Hz to 970Hz @ 1Hz - Tone C, Slow Whoop, 500Hz rising to 1200Hz over 3.5s, silence 0.5s - Tone D, DIN Tone (DK), 1200Hz falling to 500Hz over 1s, silence 10ms - Tone E, French Fire Sounder, 554Hz for 100ms and 440Hz for 400ms	539c/04

Bases

Shallow Base
Deep Base

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