

## Certificate of Product Approval

Certificate Number: 928w-(cl-1)

Issue: 02

### Advanced Electronics Limited

34 Moorland Way  
Nelson Park  
Cramlington  
Northumberland  
NE23 1WE  
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  
20-VBLS100/32-ADV  
20-VBLS100-AV/32-ADV  
AXIS-SMB  
AXIS-SVMB  
Axis-CWS

#### 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

Martin McCullagh  
Verifier

29 June 2016  
Date of Issue

09 October 2015  
Date of First Issue



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## Appendix to Certificate No: 928w-(cl-1) Advanced Electronics Limited

**Issue: 02**

Certified Product	Description	LPCB Ref.No.
20-VBLS100/32-ADV	Vega Addressable Type A Sounder Base Note: 1. Meets the requirements of EN 54-3 at the following tone settings: Tone 1 - Dual Tone 800Hz and 960Hz, 250ms-250ms Tone 2 – Continuous Tone, 1000Hz, Steady Tone 4 – Slow Whoop, 500-1200Hz, 3500ms Sweep, 500ms OFF Tone 5 – Sweep (DIN) Tone, 1200-500Hz, 1s sweep (1Hz)	928w/03
20-VBLS100-AV/32-ADV	Vega Addressable Type A Sounder Beacon Base Notes: 1. Meets the requirements of EN 54-3 at the following tone settings: Tone 1 - Dual Tone 800Hz and 960Hz, 250ms-250ms Tone 2 – Continuous Tone, 1000Hz, Steady Tone 4 – Slow Whoop, 500-1200Hz, 3500ms Sweep, 500ms OFF Tone 5 – Sweep (DIN) Tone, 1200-500Hz, 1s sweep (1Hz) 2. The beacon function is not included within the scope of this approval	928w/04
AXIS-SMB	Axis Addressable Type A Sounder Base Notes: 1. Meets the requirements of EN 54-3 at the following tone settings: Tone 1 - Dual Tone 800Hz and 960Hz, 250ms-250ms Tone 2 – Continuous Tone, 1000Hz, Steady Tone 4 – Slow Whoop, 500-1200Hz, 3500ms Sweep, 500ms OFF Tone 5 – Sweep (DIN) Tone, 1200-500Hz, 1s sweep (1Hz) 2. Cover plate (LD100-AL/W or AL/R)	928w/05

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Certified Product	Description	LPCB Ref.No.
AXIS-SVMB	Axis Addressable Type A Sounder Beacon Base Notes: 1. Meets the requirements of EN 54-3 at the following tone settings: Tone 1 - Dual Tone 800Hz and 960Hz, 250ms-250ms Tone 2 – Continuous Tone, 1000Hz, Steady Tone 4 – Slow Whoop, 500-1200Hz, 3500ms Sweep, 500ms OFF Tone 5 – Sweep (DIN) Tone, 1200-500Hz, 1s sweep (1Hz) 2. The beacon function is not included within the scope of this approval 3. Cover plate (LID100-AL/W or AL/R)	928w/06
Axis-CWS	Conventional Type A (indoor) Wall Sounder Notes: 1. Meets the requirements of EN 54-3 at the following tone settings: Tone 1 - Warble Tone 800Hz for 500ms, then 1000Hz for 500ms Tone 2 – Continuous Tone, 970Hz Tone 3 – Slow Whoop (Dutch), 500-1200Hz for 3500ms, then off for 500ms Tone 4 – German DIN Tone, 1200-500Hz swept every 1000ms (1Hz)	928w/07

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