



EC DECLARATION OF PERFORMANCE

No: 21232



0786-CPD-21232



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This declaration was compiled following the provisions of EU Construction Products Regulation CPR No.305/2011.

EV-AV2 – Analogue Addressable Sounder with Auxiliary Visual Alarm

EV-AV2 Base – Analogue Addressable Sounder Base with Auxiliary Visual Alarm

Part numbers: F14N85012 & F14N82011

Manufacturer: BeStar Electronics Co Ltd, No.199 HuangHe West Road, CN New district Changzhou, Jiangsu P.R.China.

We, Nittan Europe Limited of Hipley Street, Old Woking, Surrey GU22 9LQ England, declare that the above listed products comply with the following:

Standard EN54-3: 2000 + A1: 2002 + A2: 2006, Fire Alarm Devices - Sounders.

EMC Directive 2014/30/EU

RoHS Directive (EU) 2015/863

Low Voltage Directive (LVD) 2014/35/EU

The product has been Assessed and Verified in accordance with System 1, as set out in the CPR.

An EC Certificate of Conformity has been issued by VdS Schadenverhütung GmbH, Amsterdamer Str. 172-174, D-50735 Köln, Notified body number 0786.

Intertek UK, Cleeve Road, Leatherhead, Surrey, KT22 7SA Notified body number 0359, have issued the UKCA certification 0359-UKCA-CPR-00128 in accordance with UKCA SI 465/2019.



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Declared Performance:

Technical Characteristics	Performance	Harmonised Specification
Operating Voltage	24 V d.c. to 38 V d.c.	EN54-3: 2000 + A1:2002 + A2:2006
Quiescent Current	200 μ A	
Alarm Current (Low Output)	9 mA	
Alarm Current (High Output)	14 mA	
Operating Temperature	-10°C to +55°C	
Relative Humidity	\leq RH 95%	
Dimensions (Sounder)	\varnothing 115mm x 31.0mm	
Dimensions (Sounder Base)	\varnothing 115mm x 38.0mm	
Mass	200 g	EN54-3: 2000 + A1: 2002 + A2: 2006
Sounder Operational Performance	77 to 88 dB(A) @ 1 metre	
Sounder Tone	12 Tones DIP Switch select	
Power consumption (Including Aux BCN)	700 mW	
Ingress Protection	IP21C	

Essential Characteristics	Performance	EN54-3:2001 Clauses
Performance under Fire conditions	Pass	4.2, 4.3, 5.2, 5.3,
Operational Reliability	Pass	4.4, 4.5, 4.6, 5.4
Durability: Temperature Resistance	Pass	5.5, 5.7, 5.8, 5.9
Durability: Humidity Resistance	Pass	5.8, 5.9
Durability: Corrosion Resistance	Pass	5.11
Durability: Shock & Vibration Resistance	Pass	5.12, 5.13, 5.14, 5.15
Durability: Electrical Stability	Pass	5.16
Durability: Resistance to Ingress	Pass	5.17

Robert Barnes
Quality Manager

26th November 2021

