



## EC & UKCA DECLARATION OF PERFORMANCE

No: 00457



This declaration was compiled following the provisions of EU Construction Products Regulation CPR No.305/2011 & UKCA SI 465/2019

**EV-SDR** – Analogue Addressable Sounder

**EV-SDR Base** – Analogue Addressable Sounder Base

**Part numbers:** F16C82100 & F16C82110

**Manufacturer:** Nittan Europe Limited of Hipley Street, Old Woking, Surrey GU22 9LQ England.

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: 2001 + A1: 2002 + A2: 2006, Fire Alarm Devices - Sounders.

EMC Directive 2014/30/EU & Electromagnetic Compatibility Regulations 2016 UK

RoHS Directive (EU) 2015/863 & Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 UK

Low Voltage Directive (LVD) 2014/35/EU & Electrical Equipment (Safety) Regulations 2016 UK

The intended use for the construction product is Fire Detection and Alarm Systems.

90789 Intertek Deutschland GmbH, StangenstraBe 1, 70771 Leinfelden-Echterdingen  
Notified body No. 0905, have conducted Type testing and Factory Production Control Inspection in accordance with System 1, as set out in the CPR, and issued an EC Certificate of Constancy of Performance 0905-CPR-00457.

Intertek UK, Cleeve Road, Leatherhead, Surrey, KT22 7SA Notified body number 0359, have issued the UKCA certification 0359-UKCA CPR-00004 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: 2001 + A1:2002 + A2:2006
Quiescent Current	220 $\mu$ A	
Alarm Current (Low Output)	4 mA	
Alarm Current (High Output)	6 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: 2001 + 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)	250 mW	EN54-3: Clauses 4.2, 4.3, 5.2, 5.3, C.3.1, C.3.2, C.5.1, C.5.2, C.5.3
Performance under Fire conditions	Pass	
Operational Reliability	Pass	
Durability: Temperature Resistance	Pass	
Durability: Humidity Resistance	Pass	
Durability: Corrosion Resistance	Pass	
Durability: Shock & Vibration Resistance	Pass	
Durability: Electrical Stability	Pass	
Durability: Resistance to Ingress	IP21C	EN54-3: Clause 5.17

Robert Barnes  
Quality Manager

4<sup>th</sup> June 2021

