

# NITTAN

## EC & UKCA DECLARATION OF PERFORMANCE

No: 00498



0905



0359

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

**AS-ABS** – Analogue Addressable Type A Indoor Sounder Base

**Part number:** F16-81563

**Manufacturer:** Nittan Europe Ltd, 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, Stangenstraße 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-00498.

Intertek UK, Cleeve Road, Leatherhead, Surrey, KT22 7SA Notified body number 0359, have issued the UKCA certification 0359-UKCA CPR-00008 in accordance with UKCA SI 465/2019.

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Declared Performance:

Technical Characteristics	Performance	Harmonised Specification
Operating Voltage	20 V d.c. to 38 V d.c.	EN54-3: 2000 + A1:2002 + A2:2006
Quiescent Current	350 $\mu$ A	
Alarm Current (Low Output)	4.2 mA	
Alarm Current (High Output)	7.3 mA	
Operating Temperature	-10°C to +55°C	
Relative Humidity	$\leq$ RH 95%	
Dimensions (Sounder)	$\varnothing$ 115mm x 28.0mm	
Dimensions (Sounder Base)	$\varnothing$ 115mm x 40.0mm	
Mass	100 g (Max)	
Sounder Operational Performance	72 to 91 dB(A) @ 1 metre	EN54-3: 2000 + A1: 2002 + A2: 2006
Approved Sounder Tone	750-1000Hz Alternating 0.5sec	
Power consumption	200 mW (Max)	
Ingress Protection	IP21C	

Essential Characteristics	Performance	EN54-3:2000 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, 5.6, 5.7, 5.8, 5.9
Durability: Humidity Resistance	Pass	5.8, 5.9, 5.10
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

4<sup>th</sup> June 2021

