



EC & UKCA DECLARATION OF PERFORMANCE

No: 00465



0905



0359

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

EV- HIOP-SDR-SCI – Addressable Type B Sounder with Short Circuit Isolator
EV-HIOP-SDR – Addressable Type B Sounder

Part numbers: F16-82060 & F16-82061

Manufacturer: Nittan Europe Ltd, 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.

Standard EN54-17: 2005 / AC: 2007 Short Circuit Isolators.

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-00465.

Intertek UK, Cleeve Road, Leatherhead, Surrey, KT22 7SA Notified body number 0359, have issued the UKCA certification 0359-UKCA CPR-00005 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: 2001 + A1:2002 + A2:2006 & EN54-17: 2005 + AC: 2007
Quiescent Current	200 μ A	
Alarm Current	20mA	
Operating Temperature	-25°C to +70°C	
Relative Humidity	\leq RH 95%	
Dimensions	\varnothing 104mm x 91.5mm	
Mass	225 g	EN54-3: 2001 + A1: 2002 + A2: 2006
Sounder Operational Performance	86 to 100 dB @ 1 m (A-weighted)	
Sounder Tones	32 DIP Selectable (3 Approved)	
Power consumption	400 mW	EN54-17: 2005 / AC: 2007
Minimum Sw Open Voltage (Vso min)	9 V d.c.	
Maximum Sw Open Voltage (Vso max)	11 V d.c.	
Minimum Sw Close Voltage (Vsc min)	10 V d.c.	
Maximum Sw Close Voltage (Vsc max)	13 V d.c.	
Maximum Line Current (Ic max)	800 mA	
Maximum Switching Current (Is max)	1500 mA	
Maximum Leakage Current (Il max)	13 mA	
Maximum Switch Resistance (Zc max)	150 m Ω	
Ingress Protection	IP65	EN60529:1991 + A1:2000

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, 5.6, 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



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Essential Characteristics	Performance	EN54-17:2005 Clauses
Performance under fire conditions	Pass	5.2
Operational Reliability:	Pass	4
Durability: Temperature Resistance	Pass	5.4, 5.5
Durability: Vibration Resistance	Pass	5.9, 5.12
Durability: Humidity Resistance	Pass	5.6, 5.7
Durability: Corrosion Resistance	Pass	5.8
Durability: Electrical Stability EMC	Pass	4.2.8

Robert Barnes
Quality Manager
4th June 2021

