



EC & UKCA DECLARATION OF PERFORMANCE

No: 00641



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

EV-24VRL – Detector Base with Integral Relay

Part numbers: F03-82350

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 EN 54-18: 2005 / AC: 2007 Input / Output Devices.

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-00641.

Intertek UK, Cleeve Road, Leatherhead, Surrey, KT22 7SA Notified body number 0359, have issued the UKCA certification 0359-UKCA CPR-00010 in accordance with UKCA SI 465/2019.



EC & UKCA DECLARATION OF PERFORMANCE

No: 00641

Declared Performance:

| Technical Characteristics | Performance | Harmonised Specification |
|------------------------------------|-------------------------------|-------------------------------|
| Operating Voltage | 20 to 38 Vdc | EN 54-18: 2005 / AC: 2007 |
| Quiescent Current | 25 μ A | |
| Alarm Current | 110 μ A | |
| Operating Temperature | -10°C to +55°C | |
| Relative Humidity | \leq RH 95% | |
| Dimensions | \varnothing 105mm x H22.5mm | |
| Mass | 85g | |
| Response Delay | Pass | EN 54-18: Clauses 5.2 |
| Performance under Fire conditions | Pass | EN 54-18: Clauses 5, 1.4 |
| Operational Reliability | Pass | EN 54-18: Clauses 5, 1.4 |
| Durability: Temperature Resistance | Pass | EN 54-18: Clauses 5.3, 5.4 |
| Durability: Vibration Resistance | Pass | EN 54-18: Clauses 5.8 to 5.11 |
| Durability: Humidity Resistance | Pass | EN 54-18: Clauses 5.5, 5.6 |
| Durability: Corrosion Resistance | Pass | EN 54-18: Clauses 5.7 |
| Durability: Electrical Stability | Pass | EN 54-18: Clauses 5.2, 5.12 |

Robert Barnes
Quality Manager

4th June 2021

