



## EC & UKCA DECLARATION OF PERFORMANCE

No: 00440



0905



0359

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

**EV-MCP2-SCI-IP24** – Addressable Indoor Manual Call Point with Short Circuit Isolator

**EV-MCP2-SCI-IP67** – Addressable Outdoor Manual Call Point with Short Circuit Isolator

**Part numbers:** F16-82200 & F16-82205

**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:

EN54-11: 2001 + A1:2006+AC1:2006 Manual Call points.

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, 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-00440.

Intertek UK, Cleeve Road, Leatherhead, Surrey, KT22 7SA Notified body number 0359, have issued the UKCA certification 0359-UKCA CPR-00003 in accordance with UKCA SI 465/2019.



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Declared Performance:

Essential Characteristics	Performance	Harmonised Specification
Operating Voltage	22 V d.c. to 38 V d.c.	EN54-11: 2001 + A1: 2006 & EN54-17: 2005 / AC: 2007
Nominal Voltage	35 V d.c.	
Quiescent Current	200 $\mu$ A	
Alarm Current	2 mA	
Current when Short Circuit	13 mA	
Operating Temperature	-25°C to +70°C	
Relative Humidity	$\leq$ RH 95%	
Dimensions (Indoor, Surface Mount)	87 x 87 x 60 mm	
Dimensions (Outdoor)	87 x 87 x 70 mm	
Mass (Indoor)	115 g	
Mass (Outdoor)	280 g	
Performance under Fire conditions	Pass	EN54-11: Clauses 4.3.2, 4.4, 4.7.1, 4.7.4, 5.2 & 5.3.
Operational Reliability	Pass	EN54-11: Clauses 4.2, 4.3.1, 4.5, 4.6, 4.7.2, 4.7.3, 4.7.5, 4.8, 5.4 & 5.5
Durability: Temperature Resistance	Pass	EN54-11: Clauses 5.7 to 5.9
Durability: Vibration Resistance	Pass	EN54-11: Clauses 5.14 to 5.17
Durability: Humidity Resistance	Pass	EN54-11: Clauses 5.10, 5.11, 5.12 & 5.19
Durability: Corrosion Resistance	Pass	EN54-11: Clauses 5.11, 5.13
Durability: Electrical Stability	Pass	EN54-11: Clauses 5.6, 5.18
Enclosure Protection (Indoor)	IP24	EN54-11: Clause 5.19
Enclosure Protection (Outdoor)	IP67	
Minimum Sw Open Voltage (Vso min)	9 V d.c.	EN54-17: 2005 / AC: 2007
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 $\Omega$	
Performance under Fire conditions	Pass	EN54-17: Clause 5.2
Operational Reliability	Pass	EN54-17: Clause 4
Durability: Temperature Resistance	Pass	EN54-17: Clauses 5.4, 5.5
Durability: Vibration Resistance	Pass	EN54-17: Clauses 5.9, 5.12
Durability: Humidity Resistance	Pass	EN54-17: Clauses 5.6, 5.7
Durability: Corrosion Resistance	Pass	EN54-17: Clauses 5.8
Durability: Electrical Stability	Pass	EN54-17: Clauses 5.3, 5.13

Robert Barnes  
Quality Manager  
4<sup>th</sup> June 2021

