

NITTAN

EC DECLARATION OF PERFORMANCE

No: 00239



This declaration was compiled following the provisions of EU Construction Products Regulation CPR No.305/2011.

EV-B-SCI . Short Circuit Isolator Base

Part numbers: F03-83605

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

EMC Directive 2014/30/EU

RoHS Directive (EU) 2015/863

Low Voltage Directive (LVD) 2014/35/EU

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-00239.

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Declared Performance:

Essential Characteristics	Performance	Harmonised Specification
Operating Voltage	22 V d.c. to 38 V d.c.	EN54-17: 2005 / AC: 2007
Nominal Voltage	35 V d.c.	
Quiescent Current	60 μ A	
Current when Short Circuit	13 mA	
Operating Temperature	-10°C to +55°C	
Relative Humidity	mRH 95%	
Dimensions	\varnothing 104mm x 15.0mm	
Mass	70 g	
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)	12 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)	120 m	
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
Ingress Protection	IP22	EN60529:1991 + A1:2000



Robert Barnes
Quality Manager

8th January 2020

