

NITTAN

EC & UKCA DECLARATION OF PERFORMANCE

No: 00114



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

EV-SIO – Analogue Addressable I/O Module

Part numbers: F16N82031

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 EN54-18: 2005 / AC: 2007 Input / Output Devices.

EMC Directive 2014/30/EU & Electromagnetic Compatibility Regulations 2016 UK

Low Voltage Directive (LVD) 2014/35/EU & Electrical Equipment (Safety) Regulations 2016 UK

RoHS Directive (EU) 2015/863 & Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 UK

The product has been Assessed and Verified in accordance with System 1, as set out in the CPR.

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-00114.

Intertek UK, Cleeve Road, Leatherhead, Surrey, KT22 7SA Notified body number 0359, have issued the UKCA certification 0359-UKCA CPR-00001 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.	EN54-18: 2005 / AC: 2007
Quiescent Current	300 μ A	
Alarm Current (Including Indicator)	3 mA	
Operating Temperature	-10°C to +55°C	
Relative Humidity	\leq RH 95%	
Dimensions	87 x 148 x 15 mm	
Mass	240 g	
Input Circuit type	Volt Free N/O Contacts	EN54-18: 2005 / AC: 2007
Input Circuit End of Line Resistor	3K3 Ω	
Input Circuit Alarm Resistor (In Series)	680 Ω	
Maximum Relay Current @ 48 V d.c.	1.0 A	
Maximum Relay Current @ 24 V d.c.	2.0 A	
Ingress Protection (Mounted)	IP42	



Robert Barnes
Quality Manager

4th June 2021

