EC DECLARATION OF PERFORMANCE

No: E0029

CE 22

2809

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

Product Type – evo+5000 Series of Fire Detection & Fire Alarm Panels

Part numbers:

		Loops
evo+5100	evo5101, evo5101M, evo5101L, evo5101D, evo5101R	1
evo+5200	evo520x, evo542xL, evo520xD, evo520xR	x = 1-2
evo+5400	evo540x, evo540xL, evo540xD, evo540xR	x = 1-4
evo+5800	evo580x	x = 2-8

Manufacturer: The Bridges, Balliol Business Park Longbenton, North Tyneside NE12 8EW, England.

We, Nittan Europe Limited of Hipley Street, Old Woking, Surrey GU22 9LQ England, declare that the above listed products comply with the following Harmonised Standards:

Standard EN54-2:1997 + A1:2006, Control & Indicating Equipment.

Standard EN54-4:1997 + A1:2002 + A2:2006, Power Supply Equipment.

Standard EN54-13: 2005, Compatibility Assessment of System Components

EMC Directive 2014/30/EU

RoHS Directive (EU) 2015/863

The intended use for the construction product is Fire Detection and Alarm Systems.

FM Approvals Europe Limited, One Georges Quay Plaza, Dublin. Ireland. D02 E440 Notified body number 2809, have conducted Type Test assessment 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 2809-CPR-E0029.

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No: E0029

Declared Performance:

Essential Characteristic	Performance	Harmonised technical specification
Performance under fire conditions	Pass	EN54-2:1997 +A1:2006, Clauses 4, 5, 7
Response delay (response time to fire)	Pass	EN54-2:1997 +A1:2006, Clauses 7.1, 7.7, 7.11, 7.12
Operational reliability		
General requirements	Pass	EN54-2:1997 +A1:2006, Clause 4
General requirements for indications	Pass	EN54-2:1997 +A1:2006, Clause 5
The quiescent condition	Pass	EN54-2:1997 +A1:2006, Clause 6
The fire alarm condition	Pass	EN54-2:1997 +A1:2006, Clauses 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7
Output to fire alarm devices	Pass	EN54-2:1997 +A1:2006, Clause 7.8
Control of fire alarm routing equipment	Pass	EN54-2:1997 +A1:2006, Clause 7.9
Outputs to fire protection equipment	Pass	EN54-2:1997 +A1:2006, Clause 7.10
Delays to outputs	Pass	EN54-2:1997 +A1:2006, Clause 7.11
Dependencies on more than one alarm signal	Pass	EN54-2:1997 +A1:2006, Clause 7.12
Alarm Counter	Pass	EN54-2:1997 +A1:2006, Clause 7.13
The fault warning condition	Pass	EN54-2:1997 +A1:2006, Clauses 8.1, 8.2, 8.3, 8.5, 8.6, 8.7, 8.8
Total loss of power supply	NPD	EN54-2:1997 +A1:2006, Clause 8.4
Output to fault warning routing equipment	Pass	EN54-2:1997 +A1:2006, Clause 8.9
Disablement of addressable points	Pass	EN54-2:1997 +A1:2006, Clause 9.5
Test condition	Pass	EN54-2:1997 +A1:2006, Clause 10
Standardised input / output interface	Pass	EN54-2:1997 +A1:2006, Clause 11
Design requirements	Pass	EN54-2:1997 +A1:2006, Clause12
Additional design requirements for software controlled control and indicating equipment	Pass	EN54-2:1997 +A1:2006, Clause 13
Marking	Pass	EN54-2:1997 +A1:2006, Clause 14
Operational reliability	Pass	EN54-4:1997 +A1:2002+A2:2006, Clauses 4, 5, 6, 7, 8
Performance of power supply	Pass	EN54-4:1997 +A1:2002+A2:2006, Clauses 4, 5, 6
Durability of operational reliability, Temperature resistance	Pass	EN54-2:1997 +A1:2006, Clause 15.4 EN54-4:1997 +A1:2002+A2:2006, Clause 9.5
Durability of operational reliability, Vibration resistance	Pass	EN54-2:1997 +A1:2006, Clauses 15.6, 15.7, 15.15 EN54-4:1997 +A1:2002+A2:2006, Clauses 9.7, 9.8, 9.15
Durability of operational reliability, Electrical stability	Pass	EN54-2:1997 +A1:2006, Clauses 15.8 to 15.13 EN54-4:1997 +A1:2002+A2:2006, Clauses 9.9 to 9.13
Durability of operational reliability, Humidity resistance	Pass	EN54-2:1997 +A1:2006, Clauses 15.5, 15.14 EN54-4:1997 +A1:2002+A2:2006, Clauses 9.6, 9.14
Basic System Requirements	Pass	EN54-13: 2005 Clause 4.2
Network Systems	Pass	EN54-13: 2005 Clause 4.3
Components	Pass	EN54-13: 2005 Clause 4.4
Transmission Path	Pass	EN54-13: 2005 Clause 4.5
Input & Output Devices linked to fire protection systems.	Pass	EN54-13: 2005 Clause 4.6

The performance of the product(s) identified in points 1 and 2 is (are) in conformity with the declared performance detailed above. This declaration of performance is issued under the sole responsibility of the manufacturer as identified above. Signed for and on behalf of the manufacturer by:

Barry Sargent
Product Manager
23rd September 2026

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