



DECLARATION OF PERFORMANCE

No. **0051-CPR-1871**

Unique identification code of the product-type:

EU311

Model/s:

EU311, EU311C, EU311CV, EU311S

Intended use/s:

**Intelligent analogue addressable micro input/output module with short circuit isolator
for fire detection and fire alarm systems installed in buildings**

Manufacturer:

INIM ELECTRONICS S.R.L.
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System/s of AVCP:

System 1

Harmonized standard/s:

**EN 54-17:2005
EN 54-18:2005**

Notified Body/ies:

IMQ S.p.A., No. 0051

Declared performance/s:

Essential Characteristics	Performance	Harmonized technical specification	§	Note
Response delay (response time)				
Performance and variation in supply parameters	PASS	EN 54-18:2005	5.2	
Performance under fire condition				
Reproducibility	PASS	EN 54-17:2005	5.2	
Functional test	PASS	EN 54-18:2005	5.1.4	
Operational reliability				
Requirements	PASS	EN 54-17:2005	4	
Functional test	PASS	EN 54-18:2005	5.1.4	
Durability of operational reliability: temperature resistance				
Cold (operational)	PASS PASS	EN 54-17:2005 EN 54-18:2005	5.5 5.4	
Dry heat (operational)	PASS PASS	EN 54-17:2005 EN 54-18:2005	5.4 5.3	
Durability of operational reliability: vibration resistance				
Shock (operational)	PASS PASS	EN 54-17:2005 EN 54-18:2005	5.9 5.8	
Impact (operational)	PASS PASS	EN 54-17:2005 EN 54-18:2005	5.10 5.9	
Vibration, sinusoidal (operational)	PASS PASS	EN 54-17:2005 EN 54-18:2005	5.11 5.10	
Vibration, sinusoidal (endurance)	PASS PASS	EN 54-17:2005 EN 54-18:2005	5.12 5.11	
Durability of operational reliability: humidity resistance				



<i>Damp heat, steady state (endurance)</i>	PASS PASS	<i>EN 54-17:2005</i> <i>EN 54-18:2005</i>	<i>5.7</i> <i>5.6</i>	
<i>Damp heat, cyclic (operational)</i>	PASS PASS	<i>EN 54-17:2005</i> <i>EN 54-18:2005</i>	<i>5.6</i> <i>5.5</i>	
Durability of operational reliability: corrosion resistance				
<i>Sulphur dioxide (SO₂) corrosion (endurance)</i>	PASS PASS	<i>EN 54-17:2005</i> <i>EN 54-18:2005</i>	<i>5.8</i> <i>5.7</i>	
Durability of operational reliability: electrical stability				
<i>Electromagnetic compatibility (EMC), immunity tests (operational)</i>	PASS PASS	<i>EN 54-17:2005</i> <i>EN 54-18:2005</i>	<i>5.3, 5.13</i> <i>5.2, 5.12</i>	

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Baldovino Ruggieri
(Managing Director)

At Montepreandone, on 26/02/2020

