



DECLARATION OF PERFORMANCE

No. 0051-CPR-2029

Unique identification code of the product-type:

EM411R

Intended use/s:

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

Manufacturer:

INIM ELECTRONICS S.R.L.
VIA DEI LAVORATORI 10 - FRAZIONE CENTOBUCHI
63076 MONTEPRANDONE (AP) - ITALY
tel.: +39 0735 705007, fax. +39 0735 704912
web: www.inim.biz, e-mail: info@inim.biz

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				
Damp heat, steady state (endurance)	PASS PASS	EN 54-17:2005 EN 54-18:2005	5.7 5.6	



Damp heat, cyclic (operational)	PASS PASS	EN 54-17:2005 EN 54-18:2005	5.6 5.5	
Durability of operational reliability: corrosion resistance				
Sulphur dioxide (SO ₂) corrosion (endurance)	PASS PASS	EN 54-17:2005 EN 54-18:2005	5.8 5.7	
Durability of operational reliability: electrical stability				
Electromagnetic compatibility (EMC), immunity tests (operational)	PASS PASS	EN 54-17:2005 EN 54-18:2005	5.3, 5.13 5.2, 5.12	

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 Monteprandone, on 29/05/2020

