



DECLARATION OF PERFORMANCE

No. 0051-CPR-1412

Unique identification code of the product-type:

SmartLine036-4
provided with SmartLAN/485

Intended use/es

**Control and indicating equipment with integrated power supply equipment and
alarm transmission and fault warning routing equipment
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

System/s of AVCP:

System 1

Harmonized standard/s:

EN 54-2:1997 + A1:2006
EN 54-4:1997 + A1:2002 + A2:2006
EN 54-21:2006

Notified Body/ies:

IMQ S.p.A., No. 0051

Declared performance/es:

Essential Characteristics	Performance	Harmonized technical specification	§	Note
Performance under fire conditions				
General requirements	PASS	EN 54-2:1997 + A1:2006	4	
General requirements for indications	PASS		5	
Fire alarm condition	PASS		7	
Performance of power supply				
General requirements	PASS	EN 54-4:1997 + A1:2002 + A2:2006	4	
Functions	PASS		5	
Materials, design and manufacture	PASS		6	
Performance of transmission				
General requirements	PASS	EN 54-21:2006	4	
Functional requirements	PASS		5	
Response delay (response time to fire)				
Reception and fire signals	PASS	EN 54-2:1997 + A1:2006	7.1	
Output of fire alarm condition	PASS		7.7	
Output to fire alarm device (option with requirements)	PASS		7.8	
Output to fire alarm routing equipment (option with requirements)	PASS		7.9	
Delay to outputs (option with requirements)	PASS		7.11	
Co-incident detection (option with requirement)	PASS		7.12	Type A and B
Operational reliability				
General requirements	PASS	EN 54-2:1997 + A1:2006	4	
General requirements for indications	PASS		5	
The quiescent condition	PASS		6	
The fire alarm condition	PASS		7	
Fault warning condition	PASS		8	



<i>Disabled condition</i>	PASS		9	
<i>Test condition (option with requirements)</i>	PASS		10	
<i>Standardized input/output interface (option with requirements)</i>	NPD		11	
<i>Design requirements</i>	PASS		12	
<i>Additional design requirements for software controlled control and indicating equipments</i>	PASS		13	
<i>Marking</i>	PASS		14	
<i>General requirements</i>	PASS	EN 54-4:1997 + A1:2002 + A2:2006	4	
<i>Functions</i>	PASS		5	
<i>Materials, design and manufacture</i>	PASS		6	
<i>Documentation</i>	PASS		7	
<i>Marking</i>	PASS		8	
<i>General requirements</i>	PASS	EN 54-21:2006	4	
<i>Functional requirements</i>	PASS		5	
<i>Design requirements</i>	PASS		7	
<i>Marking</i>	PASS		8	
<i>Power supply</i>	PASS		9	
Durability of operational reliability: temperature resistance				
<i>Cold (operational)</i>	PASS	EN 54-2:1997 + A1:2006	15.4	
	PASS	EN 54-4:1997 + A1:2002 + A2:2006	9.5	
	PASS	EN 54-21:2006	10.4	
Durability of operational reliability: vibration resistance				
<i>Impact (operational)</i>	PASS	EN 54-2:1997 + A1:2006	15.6	
	PASS	EN 54-4:1997 + A1:2002 + A2:2006	9.7	
	PASS	EN 54-21:2006	10.6	
<i>Vibration, sinusoidal (operational)</i>	PASS	EN 54-2:1997 + A1:2006	15.7	
	PASS	EN 54-4:1997 + A1:2002 + A2:2006	9.8	
	PASS	EN 54-21:2006	10.7	
<i>Vibration, sinusoidal (endurance)</i>	PASS	EN 54-2:1997 + A1:2006	15.15	
	PASS	EN 54-4:1997 + A1:2002 + A2:2006	9.15	
	PASS	EN 54-21:2006	10.11	
Durability of operational reliability: electrical stability				
<i>Electromagnetic compatibility (EMC), immunity tests (operational)</i>	PASS	EN 54-2:1997 + A1:2006	da 15.8 a 15.13	
	PASS	EN 54-4:1997 + A1:2002 + A2:2006	da 9.9 a 9.13	
	PASS	EN 54-21:2006	da 10.8 a 10.9	
Durability of operational reliability: humidity resistance				
<i>Damp heat, steady state (operational)</i>	PASS	EN 54-2:1997 + A1:2006	15.5	
	PASS	EN 54-4:1997 + A1:2002 + A2:2006	9.6	
	PASS	EN 54-21:2006	10.5	
<i>Damp heat, steady state (endurance)</i>	PASS	EN 54-2:1997 + A1:2006	15.14	
	PASS	EN 54-4:1997 + A1:2002 + A2:2006	9.14	
	PASS	EN 54-21:2006	10.10	

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 Monteprendone, on 30/07/2018