



DECLARATION OF PERFORMANCE

No. **0051-CPR-1877**

Unique identification code of the product-type:

ED200Base/s: **EB0010 or EB0110 (standard base)**
EB0020 or EB0120 (relay base)

Intended use/s:

**Intelligent analogue addressable category P heat detector 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 54-5:2017 + A1:2018
EN 54-17:2005 + AC:2007

Notified Body/ies:

IMQ S.p.A., No. 0051

Declared performance/s:

Essential Characteristics	Performance	Harmonized technical specification	Clause §	Note
Operational reliability				
Position of heat sensitive element	PASS	EN 54-5:2017 + A1:2018	4.2.1	
Individual alarm indication	PASS		4.2.2	
Connection of ancillary devices	PASS		4.2.3	
Monitoring of detachable detectors	PASS		4.2.4	
Manufacturer's adjustments	PASS		4.2.5	
On site adjustment of response behaviour	PASS		4.2.6	Category P: A1R, B
Software controlled detector	PASS		4.2.7	
Requirements	PASS	EN 54-17:2005 + AC:2007	4	
Nominal activation conditions/Sensitivity				
Directional dependence	PASS	EN 54-5:2017 + A1:2018	4.3.1	
Static response temperature	PASS		4.3.2	
Response times from typical application temperature	PASS		4.3.3	
Response times from 25°C	PASS		4.3.4	
Response times from high ambient temperature	PASS		4.3.5	
Reproducibility	PASS PASS	EN 54-5:2017 + A1:2018 EN 54-17:2005 + AC:2007	4.3.6 5.2	
Response delay (response time)				
Additional test for suffix S point heat detectors	NPD	EN 54-5:2017 + A1:2018	4.4.1	
Additional test for suffix R point heat detectors	PASS		4.4.2	
Tolerance to supply voltage				
Variation in supply parameters	PASS PASS	EN 54-5:2017 + A1:2018 EN 54-17:2005 + AC:2007	4.5.1 5.3	
Durability of Nominal activation conditions/Sensitivity				
Temperature resistance				
Cold (operational)	PASS PASS	EN 54-5:2017 + A1:2018 EN 54-17:2005 + AC:2007	4.6.1.1 5.5	



<i>Dry heat (operational)</i>	PASS	EN 54-17:2005 + AC:2007	5.4	
<i>Dry heat (endurance)</i>	PASS	EN 54-5:2017 + A1:2018	4.6.1.2	
<i>Humidity resistance</i>				
<i>Damp heat, cyclic (operational)</i>	PASS	EN 54-5:2017 + A1:2018	4.6.2.1	
	PASS	EN 54-17:2005 + AC:2007	5.6	
<i>Damp heat, steady-state (endurance)</i>	PASS	EN 54-5:2017 + A1:2018	4.6.2.2	
	PASS	EN 54-17:2005 + AC:2007	5.7	
<i>Corrosion resistance</i>				
<i>Sulfur dioxide (SO₂) corrosion (endurance)</i>	PASS	EN 54-5:2017 + A1:2018	4.6.3	
	PASS	EN 54-17:2005 + AC:2007	5.8	
<i>Vibration resistance</i>				
<i>Shock (operational)</i>	PASS	EN 54-5:2017 + A1:2018	4.6.4.1	
	PASS	EN 54-17:2005 + AC:2007	5.9	
<i>Impact (operational)</i>	PASS	EN 54-5:2017 + A1:2018	4.6.4.2	
	PASS	EN 54-17:2005 + AC:2007	5.10	
<i>Vibration sinusoidal (operational)</i>	PASS	EN 54-5:2017 + A1:2018	4.6.4.3	
	PASS	EN 54-17:2005 + AC:2007	5.11	
<i>Vibration sinusoidal (endurance)</i>	PASS	EN 54-5:2017 + A1:2018	4.6.4.4	
	PASS	EN 54-17:2005 + AC:2007	5.12	
<i>Electrical stability</i>				
<i>Electromagnetic Compatibility (EMC), Immunity tests (operational)</i>	PASS	EN 54-5:2017 + A1:2018	4.6.5	
	PASS	EN 54-17:2005 + AC:2007	5.13	

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 Montepandone, on 24/02/2023

Evolving Security