

## DECLARATION OF PERFORMANCE

No. 0051-CPR-1877

Unique identification code of the product-type:

inim

	ED200					
Base/s:	EB0010 or EB0110 (standard base)					
	EB0020 or EB0120 (relay base)					
Intended use/s:						
Intelligent analogue addressable class P heat detector 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						
Harmonized star	Ndard/s: EN 54-5:2000 + A1:2002					
Notified Body/ies	EN 54-17:2005 IMQ S.p.A., No. 0051					

## Declared performance/s:

Essential Characteristics	Performance	Harmonized technical specification	§	Note
Nominal activation condition/sensitivity, response delay (response time) and performance under fire conditions				
Classification	PASS		4.2	Class A1R or B
Position of heat sensitive elements	PASS		4.3	
Directional dependence	PASS		5.2	
Static response temperature	PASS		5.3	
Response times from typical application PASS   temperature EN 54-5:2000 + A1:2002		EN 54-5:2000 + A1:2002	5.4	
Response times from 25°C	PASS		5.5	
Response times from high ambient temperature (dry heat operation)	PASS		5.6	
Reproducibility	PASS		5.8	
Additional tests for suffix R detectors	PASS		6.2	
Performance under fire condition				
Reproducibility	PASS	EN 54-17:2005	5.2	
Operational reliability				
Individual alarm indication	PASS		4.4	
Connection of ancillary devices	PASS		4.5	
Monitoring of detachable detectors	PASS		4.6	
Manufacturer's adjustments	PASS		4.7	
On-site adjustment	PASS	EN 54-5:2000 + A1:2002	4.8	
Marking	PASS		4.9	
Data	PASS		4.10	
Additional requirements for detectors controlled via software	PASS		4.11	

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Requirements	PASS	EN 54-17:2005	4	
Tolerance to supply voltage				
Variation in supply	PASS	EN 54-5:2000 + A1:2002	5.7	
Durability of operational reliability:				
temperature resistance				
Cold (operational)	PASS	EN 54-5:2000 + A1:2002	5.9	
	PASS	EN 54-17:2005	5.5	
Dry heat (operational)	PASS	EN 54-17:2005	5.4	
Dry heat (endurance)	PASS	EN 54-5:2000 + A1:2002	5.10	
Durability of operational reliability:				
vibration resistance				
Shock (operational)	PASS	EN 54-5:2000 + A1:2002	5.14	
	PASS	EN 54-17:2005	5.9	
Impact (operational)	PASS	EN 54-5:2000 + A1:2002	5.15	
	PASS	EN 54-17:2005	5.10	
Vibration, sinusoidal (operational)	PASS	EN 54-5:2000 + A1:2002	5.16	
· ···· ······ · ······· · ······ (-p-··········	PASS	EN 54-17:2005	5.11	
Vibration, sinusoidal (endurance)	PASS	EN 54-5:2000 + A1:2002	5.17	
	PASS	EN 54-17:2005	5.12	
Durability of operational reliability:				
humidity resistance				
Damp heat, steady state (endurance)	PASS	EN 54-5:2000 + A1:2002	5.12	
	PASS	EN 54-17:2005	5.7	
Damp heat, cyclic (operational)	PASS	EN 54-5:2000 + A1:2002	5.11	
	PASS	EN 54-17:2005	5.6	
Durability of operational reliability:				
corrosion resistance				
Sulphur dioxide (SO <sub>2</sub> ) corrosion	PASS	EN 54-5:2000 + A1:2002	5.13	
(endurance)	PASS	EN 54-17:2005	5.8	
Durability of operational reliability:				
electrical stability				
Electromagnetic compatibility (EMC).	PASS	EN 54-5:2000 + A1:2002	5.18	
immunity tests (operational)	PASS	EN 54-17:2005	5.3, 5.13	

**Evolving Security** 

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 11/05/2022