



EVPU[®]

NOTIFIED BODY No. 1293

CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0734

In compliance with the *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product

**Intelligent Analogue Addressable Fire alarm heat and optical-smoke detector with built-in isolator module
41RML100, CFMD10**

For specifications see Annex to this certificate

placed on the market under the name or trade mark of

**Comelit Group S.p.A.
Via Don Arrigoni 5, 24020 Rovetta S. Lorenzo (BG), Italy**

and produced in the manufacturing plant

1015752

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard

EN 54-5: 2017+A1: 2018

EN 54-7: 2018

EN 54-17:2005

EN 54-17:2005/AC:2007

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

constancy of performance of the construction product.

This certificate was first issued on December 18th, 2020 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Nová Dubnica, December 18th, 2020

053867




Marek Hudák
Director NB

Annex to Certificate No. 1293 - CPR – 0734 from December 18th, 2020

Technical Specifications

41RML100 is an addressable multi-criteria smoke and heat detector for installing in addressable fire alarm systems with 41CPE118, 41CPE112 controlpanels and is backwards-compatible with the ATENA and ATENA EASY series.

4CFMD10 is an addressable multi-criteria smoke and heat detector for installing in addressable fire alarm systems with CFNP08, CFNP02 controlpanels and is backwards-compatible with the ATENA and ATENA EASY series.

The detectors are powered on from the panel and can be controlled via the communication protocol.

The detectors are compatible with fire base 41RBX020.

The detectors have a built-in isolator module which when used allows continuous operation of the loop in case of module's failure and without need of using additional isolator modules.

41RML100, CFMD10 works with Operating Voltage (16 – 32)VDC

Class (according to EN 54-5) A1/R

Essential characteristics	Harmonised technical specification			Performance
	EN 54-5: 2017+ A1: 2018	EN 54-7: 2018	EN 54-17: 2005 EN 54-17: 2005/ AC:2007	
Operational reliability	cl. 4.2.1, 4.2.2, 4.2.3=N/A, 4.2.4, 4.2.5, 4.2.6=N/A, 4.2.7	cl. 4.2.1 to 4.2.3, 4.2.4=N/A, 4.2.5 to 4.2.8	cl. 4	Pass
Nominal activation conditions / Sensitivity	cl. 4.3.1 to 4.3.3, 4.3.4=N/A, 4.3.5, 4.3.6	cl. 4.3.1 to 4.3.3	---	Pass
Response delay (response time)	cl. 4.4.1=N/A, 4.4.2	cl. 4.4.1, 4.4.2	---	Pass
Tolerance to supply voltage	cl. 4.5.1	cl. 4.5	---	Pass
Performance parameters under fire conditions	---	cl. 4.6	cl. 5.2	Pass
Durability of Nominal activation condition / Sensitivity: Temperature resistance	cl. 4.6.1.1, 4.6.1.2=N/A	cl. 4.7.1.1, 4.7.1.2	cl. 5.4, 5.5	Pass
Durability of Nominal activation condition / Sensitivity: Humidity resistance	cl. 4.6.2.1, 4.6.2.2	cl. 4.7.2.1, 4.7.2.2	cl. 5.6, 5.7	Pass
Durability of Nominal activation condition / Sensitivity: Corrosion resistance	cl. 4.6.3	cl. 4.7.3	cl. 5.8	Pass
Durability of Nominal activation condition / Sensitivity: Vibration resistance	cl. 4.6.4.1 to 4.6.4.4	cl. 4.7.4.1 to 4.7.4.4	cl. 5.9 to 5.12	Pass
Durability of Nominal activation condition / Sensitivity: Electrical stability	cl. 4.6.5	cl. 4.7.5	cl. 5.3, 5.13	Pass

Nová Dubnica, December 18th, 2020



Marek Hudák
Director NB