

DECLARATION OF PERFORMANCE

According to Construction Products Regulation (EU) Nr.305/2011

Nr. 1922-CPR-2471

1. Unique identification code of the product-type

Alarm transmission and fault warning routing equipment models:

Spectra – 8L, Spectra – 8DG, Spectra – 16

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11 (4):

Spectra – 8L, Spectra – 8DG, Spectra – 16, batch number see product label

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Fire safety

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11 (5):

PC "ARTON", 6 Prutska str., 58008, Chernivtsi, Ukraine

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in article 12(2):

Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 1

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

«Dedal Attestation & Certification» Ltd

performed type testing of the product, initial inspection of the manufacturing plant and of factory production control with continuous surveillance, assessment and evaluation of factory production control under system 1 and issued the following certificate of constancy of performance:

Nr. 1922-CPR-2471

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not applicable, see item 7

9. Declared performance

All requirements including all Essential Characteristics and the corresponding performances for the intended use or uses indicated in point 3 above have been described in the hEN mentioned in the following tab

Spectra-8DG

Essential Characteristics	Performance	Clause
Performance of power supply		
General requirements	Pass	4
Functions	Pass	5
Materials, design and manufacture	Pass	6
Operational reliability		
General requirements	Pass	4
Functions	Pass	5
Materials, design and manufacture	Pass	6
Documentation	Pass	7
Marking	Pass	8
Durability of operational reliability, temperature resistance		
Cold (operational)	Pass	9.5
Durability of operational reliability, vibration resistance		
Impact (operational)	Pass	9.7
Vibration, sinusoidal (operational)	Pass	9.8
Vibration, sinusoidal (endurance)	Pass	9.15
Durability of operational reliability, electrical stability		
Electromagnetic compatibility (EMC), immunity tests (operational)	Pass	9.9
Durability of operational reliability, humidity resistance		
Damp heat, steady state (operational)	Pass	9.6
Damp heat, steady state (endurance)	Pass	9.14

Spectra-8L

Essential Characteristics	Performance	Clause
Performance underfire conditions		
General requirements	Pass	4
General requirements for indications	Pass	5
The fire alarm condition	Pass	7
Response delay (response time to fire)		
Reception and processing of fire signals	Pass	7.1
Output of the fire alarm condition	Pass	7.7
Delay to outputs	Pass	7.11
Dependencies on more than one alarm signal	Pass	7.12
Operational reliability		
General requirements	Pass	4
General requirements for indications	Pass	5
The quiescent condition	Pass	6
The fire alarm condition	Pass	7
Fault warning condition	Pass	8
Disabled condition	Pass	9
Test condition	N/A	10
Standardized input/output interface	N/A	11
Design requirements	Pass	12
Additional design requirements for software- controlled control and indicating equipment	Pass	13
Marking	Pass	14
Durability of operational reliability, temperature resistance		
Cold (upeitunul)	Pass	15.4
Durability of operational reliability, vibration resistance		
Impact (operational)	Pass	15.6
Vibration, sinusoidal (operational)	Pass	15.7
Vibration, sinusoidal (endurance)	Pass	15.15
Durability of operational reliability, electrical stability		
Electromagnetic compatibility (EMC), immunity tests (operational)	Pass	15.8
Supply voltage variations	NPD	15.13
Durability of operational reliability, humidity resistance		
Damp heat, steady state (operational)	Pass	15.5
Damp heat, steady state (endurance)	Pass	15.14

SPECTRA-16

Essential Characteristics	Performance	Clause
Performance of transmission		
General requirements	Pass	4
Functional requirements	Pass	5
Operational reliability		
General requirements	Pass	4
Functional requirements	Pass	5
Design requirements	Pass	7
Marking	Pass	8
Power supply	Pass	9
Durability of operational reliability, temperature resistance		
Cold (operational)	Pass	10.4
Durability of operational reliability, vibration resistance		

Impact (operational)	Pass	10.6
Vibration, sinusoidal (operational)	Pass	10.7
Vibration, sinusoidal (endurance)	Pass	10.11
Durability of operational reliability, electrical stability		
Electromagnetic compatibility (EMC), immunity tests (operational)	Pass	10.8
Supply voltage variations	Pass	10.9
Durability of operational reliability, humidity resistance		
Damp heat, steady state (operational)	Pass	10.5
Damp heat, steady state (endurance)	Pass	10.10

Where pursuant to Article 37 or 38 the Specific Technical Documentation has been used, the requirements with which the product complies:

Not applicable

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Mr. Vladyslav Bondarenko,
director

Chernivtsi, 01.12.2025

