

DECLARATION OF PERFORMANCE

According to Construction Products Regulation EU N° 305/2011
N° DP17013

1. Product identification

Esmi Sense FDP - Fire detection and fire alarm panel

2. Product type Article 11(4)

FDP221, FDP252, FDP292 fire detection and fire alarm panels

3. Intended use

Fire detection and fire alarm systems installed in buildings

4. Manufacturer Article 11(5)

Schneider Electric Fire & Security Oy
Sokerilinnantie 11 C
02600 Espoo
Finland

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 of assessment and verification of constancy of performance Annex V

System 1

7. Certification

RISE Research Institutes of Sweden (0402) performed type testing and the initial inspection of the manufacturing plant and of factory production control with continuous surveillance, assessment and approved of the factory production control under system 1 and issued the following certificates of constancy of performance

0402 - CPR – SC0154-17: FDP221, FDP252, FDP292 fire detection and fire alarm panel – control and indication equipment

0402 - CPR – SC0155-17: FDP221, FDP252, FDP292 fire detection and fire alarm panel – power supply

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

Not Applicable

9. Declared performance

All requirements including all Essential Characteristics and the corresponding performance for the intended use or uses indicated in the point 3 above have been determined as described in the hEN mentioned in the table below.

Essential characteristics	Performance	Harmonized technical specification
Performance under fire conditions	Passed	EN54-2:1997 + A1:2006 Art: 4, 5, 7
Response delay (response time to fire)	Passed	EN54-2:1997 + A1:2006 Art: 7.1, 7.7, 7.11, 7.12
Operational reliability	Passed	EN54-2:1997 + A1:2006 Art: 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14
Durability of operational reliability, Temperature resistance	Passed	EN54-2:1997 + A1:2006 Art: 15.4
Durability of operational reliability, Vibration resistance	Passed	EN54-2:1997 + A1:2006 Art: 15.6, 15.7, 15.15
Durability of operational reliability, Electrical stability	Passed	EN54-2:1997 + A1:2006 Art: 15.8 to 15.13
Performance of power supply	Passed	EN54-4:1997 + A2:2006 Art: 4, 5, 6
Operational reliability	Passed	EN54-4:1997 + A2:2006 Art: 4, 5, 6, 7, 8
Durability of operational reliability, Temperature resistance	Passed	EN54-4:1997 + A2:2006 Art: 9.5
Durability of operational reliability, Vibration resistance	Passed	EN54-4:1997 + A2:2006 Art: 9.7, 9.8, 9.15
Durability of operational reliability, Electrical stability	Passed	EN54-4:1997 + A2:2006 Art: 9.9 to 9.13
Durability of operational reliability, Humidity resistance	Passed	EN54-4:1997 + A2:2006 Art: 9.6, 9.14
Durability of operational reliability, Humidity resistance	Passed	EN54-2:1997 + A1:2006 Art: 15.5, 15.14

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:

Espoo 31.10.2017


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Timo Punkka
Product Development Manager