

Declaration of Performance

No. 20-8300-360-3303

1.	Product	Loudspeakers
2.	Unique identification code of the product-type	EST-S206B, EST-S206BC
3.	Type, batch or serial number or any other element allowing identification of the construction product	See CE mark label and marking on boards
4.	Declared intended use of product	Fire Safety
5.	Manufacturer	UTC Fire and Security B.V. Kelvinstraat 7, Weert NL-6003 DH, The Netherlands
6.	System of AVCP	1
7.	Notified body	Scientific and Research Centre for Fire Protection CNBOP-PIB no. 1438 1438-CPR-0634

No	8. Declared performances	Declared performances	Harmonised standard EN 54-24:2008
Performance under fire conditions			
1.	Frequency response limit	120–20000 Hz	4.2
2.	Reproducibility	81 dB	5.2
3.	Rated impedance	8 Ω	5.3
4.	Horizontal and vertical coverage angles		5.4
	for 500 Hz	180°	
	for 1 kHz	180°	
	for 2 kHz	95°	
	for 4 kHz	70°	
5.	Maximum sound pressure level	88 dB	5.5
Operational reliability			
6.	Durability	Pass	4.3
7.	Construction		4.4
	Min. and max. provision for external conductors [mm ²]	0.8 ÷ 2.5	
	Materials	Steel	
8.	Marking and data	Pass	4.5
9.	Rated noise power (durability)	6 W	5.6
10.	Enclosure protection	IP32C Type A	5.18
Durability of operational reliability: temperature resistance			
11.	Dry heat (operational)		5.7
12.	Dry heat (endurance)	-10°C / +55°C Type A	5.8
13.	Cold (operational)		5.9
Durability of operational reliability: humidity resistance			
14.	Damp heat, cyclic (operational)	Pass	5.10
15.	Damp heat, steady state (endurance)	Pass	5.11
16.	Damp heat, cyclic (endurance)	NPD	5.12

Durability of operational reliability: corrosion resistance

17.	Sulfur dioxide corrosion (endurance)	Pass	5.13
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Durability of operational reliability: impact and vibration resistance

18.	Shock (operational)	Pass	5.14
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19.	Impact (operational)	Pass	5.15
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20.	Vibration, sinusoidal (operational)	Pass	5.16
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21.	Vibration, sinusoidal (endurance)	Pass	5.17
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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.

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Place and date of issue

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Signed for and on behalf of the manufacturer by

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Signature