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EC - Declaration of performance

N.60/2019

According to Regulation EU No. 305/2011

1- Code of the product / type: **SOUND110.**

2- Type number: **SOUND110.**

Description: **Siren addressed with flashing EN 54 3 and 23 and short-circuit isolator**

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

FIRE DETECTION AND FIRE ALARM SYSTEM

4- Manufacturer: **Teledata s.r.l.**,
operational headquarters : **Via Brescia, 24/G Cernusco S/N - 20063 Milano**
registered office : **Via Giulietti, 8, 20132 Milano, Italy**

5- Trading Company: **Teledata s.r.l.**,
operational headquarters : **Via Brescia, 24/G Cernusco S/N - 20063 Milano**
registered office : **Via Giulietti, 8, 20132 Milano, Italy**

6- System of assesment: **System 1**

7- Notify Body: **LGAI Technological Center, S.A. (APPLUS) Campus UAB- Ronda de la Font del Carne s/n 08193 Bellaterra (Barcellona)**

Notify Body Number: **0370**

EC Certificate n°: **0370 – CPR – 3645**





8- Declared Performance:

Annexes according to **EN 54-3:2001, EN 54-3:2001/A1:2002, EN 54-3:2001/A2:2006**

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
Sound level	4.2.	PASS
Frequency and sound pattern	4.3.	PASS
Durability	4.4.	PASS
Construction	4.5.	PASS TYPE A
Marking and data	4.6.	PASS
Reproducibility	5.2.	PASS
Operational performance	5.3.	PASS
Durability	5.4.	PASS
Dry heat (operational)	5.5.	PASS
Dry heat (endurance)	5.6.	NA
Cold (operational)	5.7.	PASS
Damp heat, cyclic (operational)	5.8.	PASS
Damp heat, steady state (endurance)	5.9.	PASS
Damp heat, cyclic (endurance)	5.10.	NA
Sulfur dioxide (SO2) corrosion (endurance)	5.11.	PASS
Shock (operational)	5.12.	PASS
Impact (operational)	5.13.	PASS
Vibration, sinusoidal (operational)	5.14.	PASS
Vibration, sinusoidal (endurance)	5.15.	PASS
Electromagnetic compatibility (EMC), immunity (operational)	5.16.	PASS
Enclosure protection	5.17.	PASS TYPE A
Attention drawing signal and message broadcast sequences	C.3.1.	NA
Synchronisation (option with requirements)	C.3.2.	NA
General testing	C.4.	NA
Broadcast message performance	C.5.1.	NA
Attention drawing signal/silence/message sequence timing	C.5.2.	NA
Message synchronization testing (option with requirements)	C.5.3.	NA

PASS; NPD = No Performance Determined, NA = Not Apply





Annexes according to EN 54-17:2005, EN 54-17:2005/AC:2007

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
Compliance	4.1	PASS
Integral status indication	4.2	NA
Connection of ancillary devices	4.3	NA
Monitoring of detachable short-circuit isolators	4.4	NA
Manufacturer's adjustments	4.5	PASS
On-site adjustments	4.6	NA
Marking	4.7	PASS
Data	4.8	PASS
Additional requirements for software controlled short-circuit isolators	4.9	PASS
Reproducibility	5.2	PASS
Variation in supply voltage	5.3	PASS
Dry heat (operational)	5.4	PASS
Cold (operational)	5.5	PASS
Damp heat, cyclic (operational)	5.6	PASS
Damp heat, steady state (endurance)	5.7	PASS
Sulphur dioxide (SO2) corrosion (endurance)	5.8	PASS
Shock (operational)	5.9	PASS
Impact (operational)	5.10	PASS
Vibration, sinusoidal (operational)	5.11	PASS
Vibration, sinusoidal (endurance))	5.12	PASS
Electromagnetic Compatibility (EMC), Immunity tests (operational)	5.13	PASS





Annexes according to EN 54-23:2010

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
Duration of operation	4.2.1	PASS
Provision for external conductors	4.2.2	PASS
Flammability of materials	4.2.3	PASS
Enclosure protection	4.2.4	PASS
Access	4.2.5	PASS
Manufacturer's adjustments	4.2.6	PASS
On-site adjustment of behaviour	4.2.7	PASS
Requirements for software controlled devices	4.2.8	PASS
Coverage volume	4.3.1	PASS W-2,4-5
Variation of light output	4.3.2	PASS
Minimum and maximum light intensity	4.3.3	PASS
Light colour	4.3.4	PASS
Light pattern and frequency of flashing	4.3.5	PASS
Marking and data	4.3.6	PASS
Synchronization (option with requirements)	4.3.7	NA
Temperature resistance	4.4.1	PASS
Humidity resistance	4.4.2	PASS
Shock and vibration resistance	4.4.3	PASS
Corrosion resistance – Sulphur dioxide (SO ₂) (endurance)	4.4.4	PASS
Electrical stability – EMC, immunity (operational)	4.4.5	PASS

PASS; NPD = No Performance Determined, NA = Not Apply

9- The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

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

Your Faithfully.

October 24th , 2019

Luca SEBASTIO Quality Manager

