



Notified Body No. 0370

CERTIFICATE



No. **0370-CPR-3643**

CERTIFICATE OF CONSTANCY OF PERFORMANCE

In compliance with 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:

FIRE DETECTION AND FIRE ALARM SYSTEM.

- **PART 3:** FIRE ALARM DEVICES. SOUNDERS
- **PART 17:** SHORT-CIRCUIT ISOLATORS

MODEL: **SOUND 100_AP**

Place on the market under the name of:

TELEDATA, S.R.L.

VIA GIULIETTI, 8
20132 MILANO (ITALY)

And produced in the manufacturing plant:

VIA BRESCIA 24/G
20063 CERNUSCO SUL NAVIGLIO, MILANO (ITALY)

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

EN 54-3:2001, EN 54-3:2001/A1:2002, EN 54-3:2001/A2:2006; EN 54-17:2005, EN 54-17:2005/AC:2007

under system 1 are applied and that **the product fulfils all the prescribed requirements set out above.**

This certificate was first issued on 27th September 2019 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

The monitoring assessment will be done before February 2020

Bellaterra, 27th September 2019


LGAI Technological Center, S.A.

Xavier Ruiz Peña
Managing Director, Product Conformity B.U.



This document is not valid without its technical annex, whose number coincides with the number of certificate

TECHNICAL ANNEX 0370-CPR-3643

CERTIFICATE OF CONSTANCY OF 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 (SO ₂) 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

TECHNICAL ANNEX 0370-CPR-3643

CERTIFICATE OF CONSTANCY OF PERFORMANCE

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 (SO ₂) 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

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