



CERTIFICATE OF CONSTANCY OF PERFORMANCE

0051-CPR-0469

In compliance with Regulation (EU) No. 305/2011 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

Product: **SOUNDER WITH SHORT CIRCUIT ISOLATOR**
Model: **TM24I**
Trade mark: **ELKRON**
Other information: **see Annex**

Produced by:
URMET S.p.A.
Via Bologna, 188/c
10154 Torino (TO)

in the manufacturing plant:
PI.P000BI

This Certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard(s)

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

Under system **1** are applied and that **the product fulfills all the prescribed requirements set out above**

ISSUED ON 02/11/2022

REVISION 2

B.U. PRODUCT CONFORMITY ASSESSMENT
CPR TECHNICAL DIRECTOR

This certificate cancels and replaces the certificate having the same number and issued on 03-06-2019 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonized standard, used to assess the performance of the declared characteristics, do not change, and the products, and the manufacturing conditions in the plant are not modified significantly.

This Certificate was issued by IMQ S.p.A., a Notified Body according to Regulation (EU) No. 305/2011. IMQ S.p.A. Identification Number is: **0051**. This certificate is subjected to the Regulation of Assessment and Verification of Constancy of Performance of the Construction Products as Notified Body, according to Regulation (EU) no. 305/2011 and Legislative Decree n.106/ 2017 (REG. ON / CPR)

ANNEX

0051 – CPR – 0469

Configuration:

The sounder type TM24I consists of a plastic enclosure (dimensions 360x150x70 mm) with IP21C degree of protection, containing:

- main board type CS80FH47-001A
- LED board type CS80FH47-002A;
- piezoelectric buzzer trademark TOPTEK, type 50T-3.0A1-W100.

Technical Characteristics

Tone patterns in compliance with EN 54-3:

- Sweep 800÷970 Hz – 1s
- Two tones 610/920 Hz – 1 Hz
- Pulsed 920/0 Hz – 1 Hz
- Continuous 920 Hz

Microcontrollers identification of the main board:

- (U4) Trademark MICROCHIP, type ATMEGA88V-10MU – FW v. 169_00
- (U4) Trademark MICROCHIP, type ATMEGA88PB-MU – FW v. 169_00 (as alternative)
- (U4) Trademark MICROCHIP, type ATMEGA88A-MU – FW v. 169_00 (as alternative)
- (U5) Trademark NXP, type MKL05Z32VLF4 – FW v. 0168_00

Destination for use: Type A (for indoor)

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PRD N° 005 B

Membro degli Accordi di Mutuo
Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC
Mutual Recognition Agreements