CERTIFICATE OF CONSTANCY OF PERFORMANCE
0051 – CPR – 2411

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

SOUNDER AND VISUAL ALARM DEVICE USING RADIO LINKS

Trademark: **LABOR STRAUSS**
Model: **FI750/RF/WB/SSTWCR; FI750/RF/WB/SSTWCW**

Other information: **see ANNEX**

Produced by:
LABOR STRAUSS SICHERUNGSANLAGENBAU GMBH
WIEGELESTRASSE 36 - 1230 WIEN - Austria

In the manufacturing plant:
PI.R0004B

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 54-23:2010
EN 54-25:2008 + AC:2012

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

This certificate cancels and replaces the certificate having the same number and issued on 2021-05-26 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 product, and the manufacturing conditions in the plant are not modified significantly.

ING. V. BAGGIO
CPR TECHNICAL DIRECTOR

Milan, 2021-11-18

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.

ANNEX

0051−CPR−2411

FI750/RF/WB/SSTWCW

Configuration

The sounder and visual alarm device consists of a plastic enclosure (dimensions: 129 (d) x 55 (h) mm) with IP21C degree of protection, containing:
- No. 1 Main board (PCB code B40-TWBSX-0002);
- No. 1 Piezoelectric buzzer (trademark Kingstate, model KBIG5010N08028AZ);
- No. 3 White LED (trademark CREE, model XTEAWT-00-0000-00000BKE3);
- No. 2 Batteries allocable (CR123A Lithium, 3 V – 1.25Ah).

Technical Characteristics

- Tone patterns in compliance with EN 54-3:
    - Warble Tone: 800 Hz for 500 ms then 1000 Hz for 500 ms;
    - Continuous tone: 970 Hz continuous;
    - Slow Whoop (Dutch): 500-1200 Hz for 3500 ms, then off for 500 ms;
    - German DIN tone: 1200-500Hz swept every 1000 ms (1Hz);
- Coverage characteristics:
    - C3-15 (high power);
    - C3-10 (low power);
    - O4.6-15 (high power);
- Flash rate: 0.5 Hz;
- Destination for use: Type A (for internal);
- Operating frequency band: 868 MHz ; 916 MHz;
- Hardware identification of the microcontroller (U4 and U5) used on the main board:
    - Texas Instruments, MSP430G2433 (U4);
    - STMicroelectronics, STM32L051K86 (U5);
- Firmware identification of the microcontroller (U4 and U5): v. 1.0.5 (U4) and v. 1.0.3 (U5).

List of optional functions with requirements (EN 54-23)

4.3.7 Synchronization

FI750/RF/WB/SSTWCR

Configuration

The sounder and visual alarm device consists of a plastic enclosure (dimensions: 129 (d) x 55 (h) mm) with IP21C degree of protection, containing:
- No. 1 Main board (PCB code B40-TWBSX-0002);
- No. 1 Piezoelectric buzzer (trademark Kingstate, model KBIG5010N08028AZ);
- No. 3 Red LED (trademark CREE, model XPEBRD-L1-0000-00901);
- No. 2 Batteries allocable (CR123A Lithium, 3 V – 1.25Ah).

Technical Characteristics

- Tone patterns in compliance with EN 54-3:
    - Warble Tone: 800 Hz for 500ms then 1000 Hz for 500 ms;
    - Continuous tone: 970 Hz continuous;
    - Slow Whoop (Dutch): 500-1200 Hz for 3500 ms, then off for 500 ms;
    - German DIN tone: 1200-500Hz swept every 1000ms (1Hz);
- Coverage characteristics:
    - C3-10 (high power);
    - O1.7-6.0 (low power);
- Flash rate: 0.5 Hz;
- Destination for use: Type A (for internal);
- Operating frequency band: 868 MHz ; 916 MHz;
- Hardware identification of the microcontroller (U4 and U5) used on the main board:
    - Texas Instruments, MSP430G2433 (U4);
    - STMicroelectronics, STM32L051K86 (U5);
- Firmware identification of the microcontroller (U4 and U5): v. 1.0.5 (U4) and v. 1.0.3 (U5).

List of optional functions with requirements (EN 54-23)

4.3.7 Synchronization