

Certificate of Constancy of performance

0051 – CPR – 0403

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

Control and indicating equipment with integrated power supply equipment

Model: **TA1004**

Trademark: **EL.MO.**

Further characteristics: **see ANNEX**

Produced by:

EL.MO. S.p.A.

Via Pontarola 70 – 35011 Campodarsego (PD), Italy

In the manufacturing plant:

PI.K000JL

PI.I000EE

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 54-2:1997 + A1:2006

EN 54-4:1997 + A1:2002 + A2:2006

under system 1 are applied and that

the products fulfill all the prescribed requirements set out above.

This certificate cancels and replaces the certificate having the same number and issued on 2013-06-05 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.

IMQ S.p.A.

CPR Technical Director
(Ing. V. Baggio)

Milano, 2017-04-07

This certificate was issued by IMQ S.p.A., a notified body according to Regulation 305/2011/EU.
IMQ S.p.A. Identification Number is: 0051.

ANNEX

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The equipment is a control and indicating equipment intended to be used in fire detection and fire alarm systems.

Configuration of control and indicating equipment type TA1004

The control and indicating equipment consists of a enclosure, IP30 degree of protection, containing:

- No. 1 CPU board;
- No. 1 Power supply trademark EL.MO. type AL2SW24 rated 29 V – 2 A;
- No. 1 Power supply trademark MEAN WELL type LRS-75-24 setting 29 V – 2.6 A, in alternative;
- No. 2 Allocable batteries rated 12 V – 7 Ah;
- No. 1 Output board type TAREL24 (optional);
- No. 1 Extinction command board type EXTING (optional);
- No. 1 Alarm transmission and fault warning routing equipment board on GSM, type MDGSME (optional).

The Control and Indicating Equipment is also provided of the following external devices:

- Remote control panel type TAREPEATER (optional, up to 2 maximum).

Technical Characteristics

- Maximum number of zone: 5;
- Maximum number of detectors and or manual call points: 160 (32 for each zone);
- Hardware identification of CPU board: NXP, LPC2378FBD144;
- Firmware identification of CPU board: V4.0.4

List of OPTIONAL FUNCTIONS WITH REQUIREMENTS

- 7.8 Output to fire alarm device;
- 7.11 Delay to outputs;
- 7.12 Co-incident detection – Type A, B and C;
- 10 Test condition.