

EU-Type Examination Certificate

2051-RED-200402

In compliance with Directive (EU) No 2014/53 of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment (RED), this certificate applies to the product(s)

Dashboard for motorcycle

Models: 1715, 1708

Placed on the market under the name or trade mark of

M.A.E. Elettronica S.r.l.
Via Presolana 33/35
24030 - Medolago (BG), Italy

This certificate attests that all provisions concerning the assessment and verification of performance described in the standard(s)

Art 3.1a:	EN 62368-1:2014 + A11:2017 EN 62311:2008
Art 3.1b:	ETSI EN 301 489-1 V2.2.2:2019 ETSI EN 301 489-3 V2.1.1:2019
Art 3.2:	ETSI EN 300 330 V2.1.1:2017

as per Annex III (Module B) for the performance set out in this certificate, are applied.

Certificate issued January 23, 2020
Certificate was first issued January 23, 2020

Certificate Revision: 0

Nemko S.p.A.
Authorized signatory: Marco De Angelis

NB 2051


This certificate has been granted by Nemko Spa a Socio Unico, Via del Carroccio 4, 20853 Biassono (MB), Italy

This certificate remains valid for ten years from the issue date, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Nemko. Should the specified regulations or standards be amended, the products are to be re-approved prior to being placed on the market. Nemko S.p.A. is designated by the Italian Notifying Authority "Ministry of Economic Development".

Any person not a party to the contract pursuant to which this document is delivered may not assert a claim against Nemko for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel in the establishment or issuance of this document, and in connection with any activities for which it may provide.

ANNEX 1 – PRODUCT SPECIFICATIONS

PRODUCT DESCRIPTION

Equipment identification: Dashboard for motorcycle
Model/type: 1715
Variants: 1708
Brand/trade name: 
Supply voltage: 14.5 Vdc (typ.) – by vehicular battery
Rated power/current: 8 A

TECHNICAL CHARACTERISTICS

Type of radio interface: RFID
Intended purpose: Dashboard for motorcycles
Class of equipment: Class I, Sub-class 41 (Inductive applications) of Commission Decision 2000/299/EC
Frequency range: 134 kHz (ass. band 119 ÷ 140 kHz)
Transmit power: -3.3 dBμA/m @ 10 m
Modulation type: FSK
Antenna type: Dedicated (model 652.4.032.1A)
Firmware: N.A.

MANUFACTURER

Name: M.A.E. Elettronica S.r.l.
Address: Via Presolana 33/35 - 24030 - Medolago (BG), Italy

ADDITIONAL INFORMATION

None.

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ANNEX 2 - SCHEDULE OF APPROVAL

SCOPE OF EXAMINATION

- | | |
|--|----------|
| <input checked="" type="checkbox"/> Protection of Health and Safety, according to Article 3(1)(a). | COMPLIES |
| <input checked="" type="checkbox"/> Electromagnetic Compatibility (EMC), according to Article 3(1)(b). | COMPLIES |
| <input checked="" type="checkbox"/> Radio Spectrum Use, according to Article 3(2). | COMPLIES |
| <input type="checkbox"/> Special Radio Features, according to Article 3(3)(a)-(i). | N/A |

APPLICATIONS/LIMITATIONS

Nil.

MARKING OF PRODUCT

The Manufacturer and Type Designation shall be applied to the product in a visible location.
The equipment shall carry the CE marking of the European Union.

TYPE EXAMINATION DOCUMENTATION

Test report(s)

- Safety test report by Nemko SpA (id: 385984TRFSAF, dated: 2019-01-10)
- Health test report by Nemko SpA (id: 385984TRFEMF, dated: 2019-11-18)
- EMC test report by Nemko SpA (id: 385984TRFEMC, dated: 2019-11-18)
- Radio test report by Nemko SpA (id: 385984TRFWL, dated: 2019-11-18)

Additional documentation

- RED technical file by M.A.E. Elettronica S.r.l. (id: TECHNICAL FILE 1715, Revision 0, dated 2019-12-03)

ADDITIONAL INFORMATION

None.

<< End of certificate >>

Certificate Revision: 0

Nemko S.p.A.

Authorized signatory: Marco De Angelis

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Nemko Italy

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