

EU-Type Examination Certificate

2051-RED-203801

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)

RFID reader integrated in motorbike dashboards

Models: ZDM1604-D-00, ZDM1604-F-00

Placed on the market under the name or trade mark of

EGICON S.r.l.
Via Posta Vecchia, 36
41037 - Mirandola (MO), 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 V2.2.0:2017 ETSI EN 301 489-3 V2.1.1:2017
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 September 14, 2020
Certificate was first issued September 14, 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: RFID reader integrated in motorbike dashboards
Model/type: ZDM1604-D-00
Variants: ZDM1604-F-00
Brand/trade name: EGICON
Supply voltage: 12 Vdc from vehicle's battery
Rated power/current: 9 A max

TECHNICAL CHARACTERISTICS

Type of radio interface: RFID
Intended purpose: RFID transponder integrated in motorbike dashboards, manufactured by EGICON for exclusive use on Ducati motorcycles
Class of equipment: Class I, Sub-classes 41 and 42b (Inductive applications) of Commission Decision 2000/299/EC
Frequency range: 123 kHz and 134.2 kHz
Transmit power: < 66 dBμA/m @ 10m (max measured -13.4 dBμA/m @ 10m)
Modulation type: FSK
Maximum duty cycle: 40-60%
Channel separation: 11 kHz
Antenna type: Dedicated loop antenna integrated in the key manufactured by Zadi (Ducati p/n: 652.4.024.1D)
Firmware: 7

MANUFACTURER

Name: EGICON S.r.l.
Address: Via Posta Vecchia, 36 - 41037 - Mirandola (MO), Italy

ADDITIONAL INFORMATION

None.

Certificate Revision: 0

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

NB 2051

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)

- EMC test report by Nemko SpA (id: 350922TRFEMC, dated: 2018-05-23)
- Radio test report by Nemko SpA (id: 350922-1TRFWL, dated: 2018-05-23)
- Safety test report by Nemko SpA (id: 350922TRFSAF, dated: 2018-07-19)
- Health test report by Nemko SpA (id: 350922TRFEMF, dated: 2018-05-24)

Additional documentation

- RED technical file by EGICON S.r.l. (id: TCF-ZDM1604 Egicon, Rev. 05, dated 2020-09-04)

ADDITIONAL INFORMATION

Previous Technical Documentation revision (id: TCF-ZDM1604 Egicon, Rev.04, dated: 2018-07-25) remains still in force, as well as the relevant EU-Type Examination Certificate n. 2051-RED-183602 (September 04, 2018).

<< End of certificate >>

Certificate Revision: 0

Nemko S.p.A.

Authorized signatory: Marco De Angelis

NB 2051

Nemko Italy

Nemko Spa a Socio Unico, Via del Carroccio 4, 20853 Biassono (MB)
TEL +39 039 220 12 01 FAX +39 039 220 12 21 EMAIL segreteria@nemko.com
COD.FISC./P.IVA IT02540280969 CAP.SOC. € 895.960,00 i.v. ISCR.R.I. MB 02540280969
Doc: C121_NB-RED REV. 4, 2019-10-25