

Continental Automotive GmbH | Siemensstraße 12 | 93055 Regensburg | Germany

Thomas Heselberger
I B&S RD CFRF WM Homologation
Phone: +49-941-790-3554
Fax: +49-941-79099-3554
Thomas.Heselberger@continental-
corporation.com

Date
15.05.2017

Your message dated

Our reference

Your reference

EU Declaration of Conformity in accordance with Directive 2014/53/EU

Manufacturer: Continental Automotive GmbH
Address: Siemensstrasse 12
D-93055 Regensburg
Germany

Product type designation: 5WK50474

Intended use: Radio Frequency Receiver

The product mentioned above complies with the essential requirements and other relevant provisions of Directive 2014/53/EU, when used for its intended purpose:

Health and safety pursuant to Art. 3(1)(a): *Applied standard(s):*
EN62368-1:2014
EN 62479:2010

Electromagnetic compatibility pursuant to Art. 3(1)(b): *Applied standard(s):*
DRAFT EN 301 489-3 V2.1.1

Efficient use of spectrum pursuant to Art. 3(2): *Applied standard(s):*
EN 300 220 -2: V3.1.1


The conformity assessment procedure has been followed in association with the Notified Body listed below:
CSA Bayern GmbH, NB Nummer 1948


The notified body issued the EU type-examination certificate: ZS 17 05 50102 004

The following marking applies to the above mentioned product:



Continental Automotive GmbH
Regensburg, 15.05.2017


.....
Andreas Wolf
Executive Vice President
Body & Security


.....
Norbert Müller
Director Research & Development
Body & Security.

Continental Automotive GmbH | Siemensstraße 12 | 93055 Regensburg | Germany

Thomas Heselberger
I B&S RD CFRF WM Homologation
Phone: +49-941-790-3554
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Thomas.Heselberger@continental-
corporation.com

Date	Your message dated	Our reference	Your reference
16.05.2017			

EU Declaration of Conformity in accordance with Directive 2014/53/EU

Manufacturer: Continental Automotive GmbH
Address: Siemensstrasse 12
D-93055 Regensburg
Germany

Product type designation: 5WK50254

Intended use: Radio Frequency Receiver

The product mentioned above complies with the essential requirements and other relevant provisions of Directive 2014/53/EU, when used for its intended purpose:

Health and safety pursuant to Art. 3(1)(a): *Applied standard(s):*
EN62368-1:2014
EN 62479:2010

Electromagnetic compatibility pursuant to Art. 3(1)(b): *Applied standard(s):*
DRAFT EN 301 489-3 V2.1.1

Efficient use of spectrum pursuant to Art. 3(2): *Applied standard(s):*
EN 300 220 -2: V3.1.1

The conformity assessment procedure has been followed in association with the Notified Body listed below:
CSA Bayern GmbH, NB Nummer 1948

The notified body issued the EU type-examination certificate: ZS 17 05 50102 005

The following marking applies to the above mentioned product:



Continental Automotive GmbH
Regensburg, 16.05.2017

Andreas Wolf
Executive Vice President
Body & Security

Norbert Müller
Director Research & Development
Body & Security.



We manufacturer

Company name:	ASK Industries SpA
Postal address:	C.P. 110 c/o U.P. RE2
Postcode and City:	42121 Reggio Emilia (Italy)
Telephone number:	+39-0522 880808
E-mail address:	WebContact.CEMark-Antennas@askgroup.it

Represented by signatory, declare under our sole responsibility that the following products

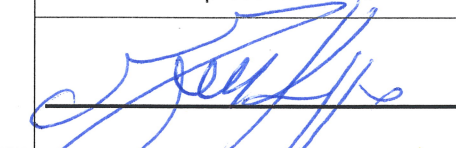
Apparatus:	Antennas KSA Small Fam III
Type:	Receiving antenna amplifier: AM/FM, DAB, Telephone/LTE, Navigation, FFB
Variants:	6R0.035.501.D 6R0.035.501.C 6R0.035.501.L 5L0.035.501.A 6R0.035.501.A 6R0.035.501 7H0.035.507.E

is in conformity with the regulations of **European Directive: 2014/53/EC** of Radio Equipments.

Standards or normative documents:	art. 3.1a "Safety"	EN 62368-1:2014
	art. 3.1b "EMC"	ETSI EN 301 489-1 V2.2.0:2017 ETSI EN 301 489-3 V2.1.1:2017
	art. 3.2 "Radio"	ETSI EN 303 345 V1.1.7:2017 ETSI EN 300 440 V2.1.1:2017
Notified Body:	Nemko S.p.a. (NB 2051)	
Laboratory:	Laboratori Nemko Italia	

Notified Body has evaluated technical documentation, by issuing the

EU-Type Examination Certificate n. 330318 rev. 0

Reggio nell'Emilia, 12th of June 2017	Ruggero Marchetti
	CEO Representative ASK
	

ASK Industries S.p.A. single shareholder company (registered office and secondary administrative HQ) Via dell'Industria n.12/14/16 60037 Monte San Vito (AN) Italia Tel +39 071 74521 Telefax: +39 071 7452400	Subject to the direction and coordination of JVCKENWOOD Corporation (administrative headquarter) Contact C.P. 110 c/o U.P. RE2 42121 Reggio Emilia Italia Tel: +39 0522 880808 Telefax: +39 0522 880600 Internet: www.askgroup.it	Legal codes R.E.A. of Ancona n. 59351 R.I. di Ancona –Fiscal Code.: 00091200428 VAT Code: IT 00091200428 Paid in Capital Euro 581.017,50
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EU Declaration of Conformity

Radio Equipment: Calearo part numbers 756xxxx (in annex, table of corresponding customers' part numbers)

Name and address of the manufacturer:

Calearo Antenne Spa
Via Bacchiglione 49 IT-36033 Isola Vicentina ITALY
Tel: +39 0444 901311 Fax: +39 0444 901375
www.calearo.com

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of the present declaration:

Internal RF box for automotive application

The object of the declaration described above is in conformity with the relevant Union harmonization legislation:


Directive 2014/53/EU (RED)

References to technical specifications and norms in relation to which conformity is declared:

ISO 7637-3:2007
ISO 7637-2:2004-06
ISO 11452-4:2011
ISO 11452-4:2009
ISO 11452-4:2005
ISO 11452-2:2004
ISO 11452-2:2001
CISPR 25:2016
CISPR 25:2008
ISO 16750-2:2010
ISO 10605:2008
ISO 11452-7:2003
E50 10R XXX
TL 82133

The notified body IMQ 0051 performed EC Type examination 3.2 RADIO SPECTRUM FOR THE DIRECTIVE 2014/53/EU (TRANSPOSED BY THE LEGISLATIVE DECREE 22 JUNE 2016, N.128) and issued the annexed EU-type examination certificate NO. 0051-RED-0032 REV. 0.

Isola Vicentina, 09/06/2017



Massimo CALEARO CIMAN
President and Managing Director



Declaration of Compliance to 2014/53/EU (RED) 3.1 (a) Health

Radio Equipment: Rod antenna

Calearo part numbers: 754xxxx, 76xxxxx (in annex, table of corresponding customers' part numbers)

Name and address of the manufacturer:

Calearo Antenne Spa

Via Bacchiglione 49 IT-36033 Isola Vicentina ITALY

Tel: +39 0444 901311 Fax: +39 0444 901375

www.calearo.com

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of the present declaration:

Roof antenna with rod for automotive application

The object of the declaration described above is in conformity with the relevant Union harmonization legislation:

Directive 2014/53/EU (RED)

Isola Vicentina, 08/06/2017

A handwritten signature in blue ink, appearing to read "Massimo Calearo", written over a horizontal line.

Massimo CALEARO CIMAN
President and Managing Director



Declaration of Compliance to 2014/53/EU (RED) 3.1 (a) Safety

Radio Equipment: Rod antenna

Calearo part numbers: 754xxxx, 76xxxxx (in annex, table of corresponding customers' part numbers)

Name and address of the manufacturer:

Calearo Antenne Spa

Via Bacchiglione 49 IT-36033 Isola Vicentina ITALY

Tel: +39 0444 901311 Fax: +39 0444 901375

www.calearo.com

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of the present declaration:

Roof antenna with rod for automotive application

The object of the declaration described above is in conformity with the relevant Union harmonization legislation:

Directive 2014/53/EU (RED)

Isola Vicentina, 08/06/2017


Massimo CALEARO CIMAN
President and Managing Director



Declaration of Compliance to 2014/53/EU (RED) 3.1 (B) EMC

Radio Equipment: Rod antenna

Calearo part numbers: 754xxxx, 76xxxxx (in annex, table of corresponding customers' part numbers)

Name and address of the manufacturer:

Calearo Antenne Spa

Via Bacchiglione 49 IT-36033 Isola Vicentina ITALY

Tel: +39 0444 901311 Fax: +39 0444 901375

www.calearo.com

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of the present declaration:

Roof antenna with rod for automotive application

The object of the declaration described above is in conformity with the relevant Union harmonization legislation:

Directive 2014/53/EU (RED)

Isola Vicentina, 08/06/2017

A handwritten signature in blue ink, appearing to read "Massimo Calearo Cimán", written over a horizontal line.

Massimo CALEARO CIMAN

President and Managing Director



Table of corresponding customer's part numbers CALEARO part numbers 754xxxx_76xxxxx

Customer P/N	Calearo P/N	Customer	Status
6R0.035.501.F	7540283	SKODA	09S



Declaration of Conformity in accordance with Directive 2014/53/EU

Hersteller / *Manufacturer:* **KATHREIN Automotive GmbH**

Anschrift / *Address:* **Römerring 1
31137 Hildesheim**

Produktbezeichnung / *Product:* **Amplifier**

Typenbezeichnung / *Type:*
Bestellnummer / *Article number:*

AU492 AM/FM/TV ECE/NAR/RdW	8W9 035 225 H
AU492 FM2+TV1,ECE/NAR/RdW	8W9 035 225 J
AU492 FM2 ECE/NAR/RdW	8W9 035 225 B
AU492 AM+FM1,ECE/NAR/RdW	8W9 035 225
AU493 AM/FM/TV ECE/NAR/RdW	8W8 035 225 H
AU493 FM2 ECE/NAR/RdW	8W8 035 225 B
AU493 AM+FM1,ECE/NAR/RdW	8W8 035 225
AU495 TV ECE/RdW	8W7 035 225 F
AU495 AM2	8W7 035 225 B
AU495 FM2 ECE/NAR/RdW	8W7 035 225 A
AU495 AM1+FM1,ECE/NAR/RdW	8W7 035 225
AU494 AM/FM/TV ECE/NAR/RdW	8W6 035 225 H
AU494 FM2 ECE/NAR/RdW	8W6 035 225 B
AU494 AM+FM1,ECE/NAR/RdW	8W6 035 225
AU491 AM/FM/TV ECE/NAR/RdW	8W5 035 225 H
AU491 FM2 ECE/NAR/RdW	8W5 035 225 B
AU491 AM+FM1,ECE/NAR/RdW	8W5 035 225
AU334 AU491 AU492 AU493 AU494 TV ECE/RdW	8W0 035 225 B
AU334 AM/FM/TV ECE/NAR/RdW	8S8 035 225 E
AU334 FM2 ECE/NAR/RdW	8S8 035 225 A
AU334 AM+FM1,ECE/NAR/RdW	8S8 035 225
AU335 FM2+TV1,ECE/NAR/RdW	8S7 035 225 J
AU335 AM2	8S7 035 225 D
AU335 FM2 ECE/NAR/RdW	8S7 035 225 A
AU335 AM1+FM1,ECE/NAR/RdW	8S7 035 225
AU736 (Q7) TV ECE/RdW	4M0 035 225 K
AU736 (Q7) FM2+TV1,ECE/NAR/RdW	4M0 035 225 J
AU736 (Q7) AM/FM/TV ECE/NAR/RdW	4M0 035 225 H
AU736 (Q7) FM2 ECE/NAR/RdW	4M0 035 225 A

AU736 (Q7) AM+FM1,ECE/NAR/RdW	4M0 035 225
ANTENNA AMP, FM	4G9 035 225 A
ANTENNA AMP, FM	4G8 035 225 A
ANTENNA AMP, FM	4G5 035 225 A
FM RDW (no AGC)	2G0 035 577 A
FM RDW (no AGC) 12V	1S0 035 577 A

Die **KATHREIN Automotive GmbH** bestätigt hiermit, dass das bezeichnete Produkt mit den folgenden Richtlinien zur Angleichung der Rechtsvorschriften übereinstimmt.

*The **KATHREIN Automotive GmbH** hereby confirm that the designated product complies with the following directives on the harmonisation of the laws.*

- Directive 2014/53/EU of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws.

Health and safety pursuant to Art. 3(1) a):

Angewendete Normen / *Applied standards:*

EN 60950-1:2006+A11:2009+A1:2010+
AC:2011+A12:2011+A2:2013

Electromagnetic compatibility pursuant to Art. 3(1) b):

Angewendete Normen / *Applied standards:*

EN 301 489-1 V1.9.2 (2011-09)

Efficient use of spectrum pursuant to Art. 3(2):

Angewendete Normen / *Applied standards:*

EN 202 056 V1.1.1 (adopted)

- RoHS (2011/65/EU vom 08.06.2011)

Folgende Normen werden eingehalten / *Applied harmonised standards:*

EN 50581: 2012

Entwicklung, Produktion, Qualitätssicherung und Vertrieb basieren auf der Norm ISO/TS 16949.

Development, production, quality assurance and marketing are based on the standard ISO/TS 16949.

Das in Artikel 17 der Richtlinie 2014/53/EU genannte Verfahren zur Konformitätsbewertung, detailliert beschrieben im Anhang III, wurde unter Einbeziehung der folgenden notifizierten Stelle durchgeführt:

CSA Group Bayern GmbH, Ohmstrasse 1-4, 94342 Strasskirchen, Germany,
Notified Body Nummer: **1948**

Die notifizierte Stelle hat folgende EG-Baumusterprüfbescheinigung ausgestellt:
ZS 17 06 54004 005

The conformity assessment procedure referred to in Article 17 and detailed in Annex III of Directive 2014/53/EU has been followed with the involvement of the following Notified Body:

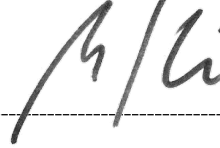
CSA Group Bayern GmbH, Ohmstrasse 1-4, 94342 Strasskirchen, Germany,
Notified Body number: **1948**

The notified body has issued the EU type-examination certificate:
ZS 17 06 54004 005

Ort, Datum:
Place, Date:

Hildesheim, den 08.06.2017

Rechtsverbindliche Unterschrift:
Binding signature:



Michael Heise / CEO



EU Declaration of Conformity (DoC)

Hereby we,

Name of manufacturer: Hella KGaA Hueck & Co
Address: Rixbecker Str. 75
Zip code & City: 59552 Lippstadt
Country: Germany
Telephone number: +49(0)2941380

declare that this DoC is issued under our sole responsibility and that this product:

Product description: Remote key for vehicle access
Type designation(s): FS09
Trademark: HELLA
Batch / Serial Number: n/a

Object of the declaration:

Remote key for vehicle access FS09

is in conformity with the relevant Union harmonization legislation:

2014 / 53 / EU Radio Equipment Directive

and other Union harmonization legislation where applicable:

The relevant standards used in relation to which conformity is declared are:

Essential requirements	Standards
Health (Article 3.1a)	EN 62479: 2010
Safety (Article 3.1a)	EN 60950-1: 2006+A11:2009+A1:2010+A12:2011+AC:2011A2:2013
EMC (Article 3.1b)	EN 301 489-1:V2.1.1 EN 301 489-3:V2.1.1
Efficient use of spectrum (Article 3.2)	EN 300 220-2 V3.1.1

Signed for and on behalf of Hella KGaA Hueck & Co:

Lippstadt, 2017-06-09



Dr. Michael Winkler, Vice President,
Head of Program Management Car Access Systems

EU-type examination Certificate

in accordance to Annex III of the Directive 2014/53/EU

Page 1/3
Certificate No. 330620

Issued under the conformity assessment procedure referred to Article 17(2)(b) and Annex III of European Directive 2014/53/EU by Nemko SpA Notified Body No. 2051.

Applicant	Magneti Marelli S.p.A. Viale A. Borletti n° 61/63 - 20011 Corbetta (MI)
Manufacturer	Magneti Marelli S.p.A. Viale A. Borletti n° 61/63 - 20011 Corbetta (MI)
Equipment Type	ROADMAP Clusters
Equipment Brand Name	Magneti Marelli
Equipment Identification	Inductive application
Technical Documentation	Technical Construction File TCF-RED_Magneti Marelli_Roadmap_Clusters, Rev. 0, issued 2017/06/05
Essential requirements covered	See page 2
Technical specification	See page 3
Variants	BNF_LL, BNF_HL, eNSF, NSF_LL1, NSF_LL3 and NSF_HL
Additional information	External antenna (not supplied by Magneti Marelli) - magnetic dipole included in the ignition lock cylinder

It is stated that the type related to Technical Documentation above satisfies the provisions of the following European Directive including the latest amendments, and with national legislation implementing this Directive:

Directive 2014/53/EU 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 and repealing Directive 1999/5/EC.

Provided that other applicable Directive requirements are satisfied, the manufacturer (or the European authorized representative), may draw up an EU Declaration of Conformity and affix the CE-marking as indicated below to each conforming product. This EU-type examination Certificate refers only to the verified technical documentation, does not involve production surveillance and does not allow the use of the Nemko mark on the product. This Certificate is no longer valid if any of the applied standard(s) ceases to confer the presumption of conformity. This certificate is no longer valid if any changes will be made by the manufacturer to the approved type without immediate communication to the Notified Body. This certificate is valid for three years from the date of issue, after which time a new investigation and additional approval are required.

Date of issue: 2017-06-05

Certificate Revision: 0



Luigi Trezzi
Managing Director

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.: 1 DATE: 2016-07-18

EU-type examination Certificate

in accordance to Annex III of the Directive 2014/53/EU

Page 2/3
Certificate No. 330620

Essential requirements covered by the Certificate

Article 3.1 a)	Safety requirements set out in Directive 2014/35/EU
Article 3.1 b)	EMC requirements set out in Directive 2014/30/EU
Article 3.2	Efficient use of radio spectrum avoiding harmful interference
Article 3.3 a)	Not applicable
Article 3.3 b)	Not applicable
Article 3.3 c)	Not applicable
Article 3.3 d)	Not applicable
Article 3.3 e)	Not applicable
Article 3.3 f)	Not applicable
Article 3.3 g)	Not applicable
Article 3.3 h)	Not applicable
Article 3.3 i)	Not applicable

Compliance with Article 3.2 of the Directive 2014/53/EU does not itself give an automatic presumption of conformity with National Radio Spectrum Standards. In case of restrictions on putting into service or of requirements for authorisation of use, It is mandatory to put on the packaging the information for locating which Member State or Geographical area are affected by restrictions or authorization of use in accordance to Article 10(10) of Drective 2014/53/EU.

Date of issue: 2017-06-05

Certificate Revision: 0



Luigi Trezzi
Managing Director

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.:1 DATE: 2016-07-18

EU-type examination Certificate

in accordance to Annex III of the Directive 2014/53/EU

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Certificate No. 330620

Radio equipment technical specification

Intended Use	Devices with immobilizer function, able to detect a passive transponder inserted in the User Car Key (not supplied by Magneti Marelli)
Class of Equipment	Commission Decision 2000/299/EC Class 1 Sub-class 41
Network Interface	--
Frequency Range	125 kHz
Type of Modulation	ASK
Transmit Power	H-field: 40 dB μ A/m (at 10m distance)
Power Ratings	12Vdc

Date of issue: 2017-06-05



Luigi Trezzi
Managing Director

Certificate Revision: 0

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.:1 DATE: 2016-07-18

CE DECLARATION OF CONFORMITY

The
4G-Systems GmbH & Co. KG

We declare under our sole responsibility that the LTE Dongle:

Model	SW-Version	HW-Version
CarStick LTE	LWDLV04.1.0_M131	LWDM131

to which this declaration relates, is in conformity with the following standards and/or other normative documents, by specific reference to the essential requirements of Radio Equipment Directive 2014/53/EU:

Health and Safety: EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013
EN 62311:2008

EMC: Draft EN 301 489-1 v2.2.0; Draft EN 301 489-52 v.1.1.0

RF spectrum efficiency: EN 301 511 v12.5.1; EN 301 908-1 v11.1.1;
EN 301 908-2 v11.1.1; EN301908-13 v11.1.1

We hereby declare that all essential radio test suites have been carried out and that the above named product is in conformity to all the essential requirements of Radio Equipment Directive 2014/53/EU.

Follow notified body assessment has been applied:

American Certification Body, Inc. (ACB)
Notified body number: 1588
ATCBXXXX

6th June 2017



Managing Director

EU DECLARATION OF CONFORMITY

No: L69VW2, L69SK2, L69SE2_170427

We,

(LG ELECTRONICS, MLAWA, SP: Z.O.O. UL. LG ELECTRONICS 7, 06-500 MLAWA, POLAND) declare under our sole responsibility that the product

Product Name: MIB2 Entry

Type: L69VW2, L69SK2, L69SE2

Product Description: MIB2 Entry for VW (1S0), SKODA (1ST), SEAT (1SL)

To which this declaration relates is in conformity with the essential requirements and other relevant requirements. The product is in conformity with the following directives, standards and regulations:

Directives:

- Directive 2014/53/EU (RED)

Standards:

- ETSI EN 300 328 V2.1.1
- ETSI EN 303 345 V1.1.7
- ETSI EN 301 489-1 V2.1.1
- ETSI EN 301 489-17 V3.2.0
- EN 62311:2008
- IEC 60065:2011+A1:2005+A2:2010

The conformity assessment procedure referred to in 17(4a) for Annex III and detailed in Annex III of Directive 2014/53/EU (article 3.1 (a), 3.1 (b), and 3.2) has been followed.

Place of Issue: Notified Body 1177, TIMCO Engineering, Inc. **Date of Issue:** 29.04.2017

EU verification certificate number: TCF-699KC17

Product Authorization: LG Electronics Inc.

Signature:



Name: SG Kim

Position: Head of MIB development at LGE

EU DECLARATION OF CONFORMITY

No: 19/20/IJ/HT-6d/03

We,

Molex CVS Bochum GmbH, Meesmannstraße 103, 44807 Bochum, Germany **declare** under our sole responsibility that the product

Product Name: HT-6d

Type: HT-6d

Product Description: Online Connectivity Unit

to which this declaration relates is in conformity with the essential requirements and other relevant requirements. The product is in conformity with the following directives, standards and regulations:

Directives:

- Directive 2014/53/EU (RED)
- Directive 2011/65/EU (RoHS)

Standards:

EN 60950-1:2006+A11:2009+A1:2010+A12:2011+AC:2011+A2:2013; EN 62311:2008
EN 301 489-1 v2.2.0; EN 301 489-19 v2.1.0; EN 301 489-52 v1.1.0
EN 301 511 v12.5.1; EN 301 908-1 v11.1.1; EN 301 908-2 v11.1.2; EN 303 413 v1.1.1
EN 50581:2012

Supplementary information:


Software version: 0171 / 0183
Hardware version: 0762 (027) / 0782 (029)

The conformity assessment procedure referred to in article 17 (3a) and detailed in annex II of Directive 2014/53/EU has been followed.

Place of Issue: Bochum, Germany

Date of Issue: 15.02.2019

Molex CVS Product Authorization:

Signature: 
Name: Robert Müller
Position: Product Certification Manager

Signature: 
Name: Guido Dornbusch
Position: VP Technology

EU DECLARATION OF CONFORMITY

No: 19/18/IJ/HT-6e/03

We,

Molex CVS Bochum GmbH, Meesmannstraße 103, 44807 Bochum, Germany **declare** under our sole responsibility that the product

Product Name: HT-6e

Type: HT-6e

Product Description: Online Connectivity Unit

to which this declaration relates is in conformity with the essential requirements and other relevant requirements. The product is in conformity with the following directives, standards and regulations:

Directives:

- Directive 2014/53/EU (RED)
- Directive 2011/65/EU (RoHS)

Standards:

EN 60950-1:2006+A11:2009+A1:2010+A12:2011+AC:2011+A2:2013; EN 62311:2008
EN 301 489-1 v2.2.0; EN 301 489-19 v2.1.0; EN 301 489-52 v1.1.0
EN 301 511 v12.5.1; EN 301 908-1 v11.1.1; EN 301 908-2 v11.1.2; EN 303 413 v1.1.1
EN 50581:2012

Supplementary information:

Software version: 0631 / 0717

Hardware version: 0766 (018) / 0767 (020)

The conformity assessment procedure referred to in article 17 (3a) and detailed in annex II of Directive 2014/53/EU has been followed.

Place of Issue: Bochum, Germany

Date of Issue: 22.02.2019

Molex CVS Product Authorization:

Signature:



Name:

Robert Müller

Position:

Product Certification Manager

Signature:



Name:

Guido Dornbusch

Position:

VP Technology

EU-type examination Certificate

in accordance to Annex III of the Directive 2014/53/EU

Page 1/3
Certificate No. 330620

Issued under the conformity assessment procedure referred to Article 17(2)(b) and Annex III of European Directive 2014/53/EU by Nemko SpA Notified Body No. 2051.

Applicant	Magneti Marelli S.p.A. Viale A. Borletti n° 61/63 - 20011 Corbetta (MI)
Manufacturer	Magneti Marelli S.p.A. Viale A. Borletti n° 61/63 - 20011 Corbetta (MI)
Equipment Type	ROADMAP Clusters
Equipment Brand Name	Magneti Marelli
Equipment Identification	Inductive application
Technical Documentation	Technical Construction File TCF-RED_Magneti Marelli_Roadmap_Clusters, Rev. 0, issued 2017/06/05
Essential requirements covered	See page 2
Technical specification	See page 3
Variants	BNF_LL, BNF_HL, eNSF, NSF_LL1, NSF_LL3 and NSF_HL
Additional information	External antenna (not supplied by Magneti Marelli) - magnetic dipole included in the ignition lock cylinder

It is stated that the type related to Technical Documentation above satisfies the provisions of the following European Directive including the latest amendments, and with national legislation implementing this Directive:

Directive 2014/53/EU 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 and repealing Directive 1999/5/EC.

Provided that other applicable Directive requirements are satisfied, the manufacturer (or the European authorized representative), may draw up an EU Declaration of Conformity and affix the CE-marking as indicated below to each conforming product. This EU-type examination Certificate refers only to the verified technical documentation, does not involve production surveillance and does not allow the use of the Nemko mark on the product. This Certificate is no longer valid if any of the applied standard(s) ceases to confer the presumption of conformity. This certificate is no longer valid if any changes will be made by the manufacturer to the approved type without immediate communication to the Notified Body. This certificate is valid for three years from the date of issue, after which time a new investigation and additional approval are required.

Date of issue: 2017-06-05

Certificate Revision: 0



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Doc.: C121_NB-RED REV.: 1 DATE: 2016-07-18

EU-type examination Certificate

in accordance to Annex III of the Directive 2014/53/EU

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Essential requirements covered by the Certificate

Article 3.1 a)	Safety requirements set out in Directive 2014/35/EU
Article 3.1 b)	EMC requirements set out in Directive 2014/30/EU
Article 3.2	Efficient use of radio spectrum avoiding harmful interference
Article 3.3 a)	Not applicable
Article 3.3 b)	Not applicable
Article 3.3 c)	Not applicable
Article 3.3 d)	Not applicable
Article 3.3 e)	Not applicable
Article 3.3 f)	Not applicable
Article 3.3 g)	Not applicable
Article 3.3 h)	Not applicable
Article 3.3 i)	Not applicable

Compliance with Article 3.2 of the Directive 2014/53/EU does not itself give an automatic presumption of conformity with National Radio Spectrum Standards. In case of restrictions on putting into service or of requirements for authorisation of use, It is mandatory to put on the packaging the information for locating which Member State or Geographical area are affected by restrictions or authorization of use in accordance to Article 10(10) of Drective 2014/53/EU.

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Radio equipment technical specification

Intended Use	Devices with immobilizer function, able to detect a passive transponder inserted in the User Car Key (not supplied by Magneti Marelli)
Class of Equipment	Commission Decision 2000/299/EC Class 1 Sub-class 41
Network Interface	--
Frequency Range	125 kHz
Type of Modulation	ASK
Transmit Power	H-field: 40 dB μ A/m (at 10m distance)
Power Ratings	12Vdc

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Doc.: C121_NB-RED REV.:1 DATE: 2016-07-18