



SLOVENSKI STANDARD
SIST EN IEC 55036:2020

01-november-2020

Električna in hibridna cestna vozila - Značilnosti radijskih motenj - Mejne vrednosti in metode merjenja za zaščito zunanjih sprejemnikov pod 30 MHz

Electric and hybrid road vehicles - Radio disturbance characteristics - Limits and methods of measurement for the protection of off-board receivers below 30 MHz

Elektro- und Hybrid-Straßenfahrzeuge - Funkstöreigenschaften - Grenzwerte und Messverfahren zum Schutz von außerhalb befindlichen Empfängern unterhalb 30 MHz

Véhicules routiers électriques et hybrides électriques - Caractéristiques de perturbations radioélectriques - Limites et méthodes de mesure pour la protection des récepteurs extérieurs en dessous de 30 MHz

Ta slovenski standard je istoveten z: EN IEC 55036:2020

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ICS:

33.100.01	Elektromagnetna združljivost na splošno	Electromagnetic compatibility in general
43.120	Električna cestna vozila	Electric road vehicles

SIST EN IEC 55036:2020

en

EUROPEAN STANDARD

EN IEC 55036

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2020

ICS 33.100.10; 33.100.20

English Version

**Electric and hybrid electric road vehicles - Radio disturbance characteristics - Limits and methods of measurement for the protection of off-board receivers below 30 MHz
(CISPR 36:2020)**

Véhicules routiers électriques et hybrides électriques -
Caractéristiques de perturbations radioélectriques - Limites
et méthodes de mesure pour la protection des récepteurs
extérieurs en dessous de 30 MHz
(CISPR 36:2020)

Elektro- und Hybrid-Straßenfahrzeuge -
Funkstöreigenschaften - Grenzwerte und Messverfahren
zum Schutz von außerhalb befindlichen Empfängern
unterhalb 30 MHz
(CISPR 36:2020)

This European Standard was approved by CENELEC on 2020-08-26. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 55036:2020 (E)**European foreword**

The text of document CIS/D/462/CDV, future edition 1 of CISPR 36, prepared by CISPR SC D "Electromagnetic disturbances related to electric/electronic equipment on vehicles and internal combustion engine powered devices" of CISPR "International special committee on radio interference" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 55036:2020.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2021-05-26 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2023-08-26 document have to be withdrawn

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 61851-21 (series)	NOTE	Harmonized as EN 61851-21 (series)
IEC 61980 (series)	NOTE	Harmonized as prEN IEC 61980 (series) to be published
CISPR 14-1	NOTE	Harmonized as EN 55014-1
CISPR 16-1-1	NOTE	Harmonized as EN IEC 55016-1-1
CISPR 16-4-2:2011	NOTE	Harmonized as EN 55016-4-2:2011 (not modified)
CISPR 16-4-2:2011/A1:2014	NOTE	Harmonized as EN 55016-4-2:2011/A1:2014 (not modified)
CISPR 16-4-2:2011/A2:2018	NOTE	Harmonized as EN 55016-4-2:2011/A2:2018 (not modified)
CISPR 25:2016	NOTE	Harmonized as EN 55025:2017 (not modified)

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
CISPR 16-1-1	2015	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-1: Radio disturbance and immunity measuring apparatus - Measuring apparatus	-	-
CISPR 16-1-4	2019	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-4: Radio disturbance and immunity measuring apparatus - Antennas and test sites for radiated disturbance measurements	EN IEC 55016-1-4	2019
CISPR 16-2-3	2016	Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-3: Methods of measurement of disturbances and immunity - Radiated disturbance measurements	EN 55016-2-3	2017



CISPR 36

Edition 1.0 2020-07

INTERNATIONAL STANDARD

NORME INTERNATIONALE



INTERNATIONAL SPECIAL COMMITTEE ON RADIO INTERFERENCE
COMITÉ INTERNATIONAL SPÉCIAL DES PERTURBATIONS RADIOÉLECTRIQUES

**Electric and hybrid electric road vehicles – Radio disturbance characteristics –
Limits and methods of measurement for the protection of off-board receivers
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**Véhicules routiers électriques et hybrides électriques – Caractéristiques de
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INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

ICS 33.100.10; 33.100.20

ISBN 978-2-8322-8655-5

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

INTERNATIONAL SPECIAL COMMITTEE ON RADIO INTERFERENCE

**ELECTRIC AND HYBRID ELECTRIC ROAD VEHICLES –
RADIO DISTURBANCE CHARACTERISTICS –
LIMITS AND METHODS OF MEASUREMENT FOR
THE PROTECTION OF OFF-BOARD RECEIVERS BELOW 30 MHz**

FOREWORD

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International Standard CISPR 36 has been prepared by CISPR subcommittee D: Electromagnetic disturbances related to electric/electronic equipment on vehicles and internal combustion engine powered devices.

The text of this International Standard is based on the following documents:

CDV	Report on voting
CISPR/D/462/CDV	CISPR/D/464A/RVC

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

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- replaced by a revised edition, or
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