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**Fragment 1: Elektromagnetna združljivost (EMC) – 3-12. del: Mejne vrednosti – Mejne vrednosti za harmonske tokove, ki jih povzročajo oprema, priključena na nizkonapetostne napajalne sisteme z naznačenim tokom, večjim od 16 A in enakim ali manjšim od 75 A na fazo**

Fragment 1: Electromagnetic compatibility (EMC) - Part 3-12: Limits - Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current >16 A and ≤ 75 A per phase

Elektromagnetische Verträglichkeit (EMV) - Teil 3-12: Grenzwerte für Oberschwingungsströme, verursacht von Geräten und Einrichtungen mit einem Eingangsstrom > 16A und ≤ 75A je Leiter, die zum Anschluss an öffentliche Niederspannungsnetze vorgesehen sind

Fragment 1: Compatibilité électromagnétique (CEM) - Part 3-12: Limites - Limites pour les courants harmoniques produits par les équipements raccordés au réseau public basse tension avec un courant d'entrée >16 A et = 75 A par phase

**Ta slovenski standard je istoveten z: EN 61000-3-12:2011/A1:2024**

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**ICS:**

33.100.01	Elektromagnetna združljivost na splošno	Electromagnetic compatibility in general
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**SIST EN 61000-3-12:2012/A1:2024**      **en**

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EUROPEAN STANDARD

EN 61000-3-12:2011/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2024

ICS 33.100.10

English Version

Electromagnetic compatibility (EMC) - Part 3-12: Limits - Limits  
for harmonic currents produced by equipment connected to  
public low-voltage systems with input current  $>16$  A and  $\leq 75$  A  
per phase  
(IEC 61000-3-12:2011/A1:2021)

Compatibilité électromagnétique (CEM) - Partie 3-12:  
Limites - Limites pour les courants harmoniques produits  
par les appareils connectés aux réseaux publics basse  
tension ayant un courant appelé  $> 16$  A et  $\leq 75$  A par phase  
(IEC 61000-3-12:2011/A1:2021)

Elektromagnetische Verträglichkeit (EMV) - Teil 3-12:  
Grenzwerte für Oberschwingungsströme, verursacht von  
Geräten und Einrichtungen mit einem Eingangsstrom  $> 16$ A  
und  $\leq 75$ A je Leiter, die zum Anschluss an öffentliche  
Niederspannungsnetze vorgesehen sind  
(IEC 61000-3-12:2011/A1:2021)

This amendment A1 modifies the European Standard EN 61000-3-12:2011; it was approved by CENELEC on 2024-03-20. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.



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 61000-3-12:2011/A1:2024 (E)****European foreword**

The text of document 77A/1042/CDV, future IEC 61000-3-12/A1, prepared by SC 77A "EMC - Low frequency phenomena" of IEC/TC 77 "Electromagnetic compatibility" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61000-3-12:2011/A1:2024.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2024-12-20 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2027-03-20 document have to be withdrawn

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under a standardization request addressed to CENELEC by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

**Endorsement notice**

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The text of the International Standard IEC 61000-3-12:2011/A1:2021 was approved by CENELEC as a European Standard without any modification.

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## 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.cencenelec.eu](http://www.cencenelec.eu).

*Replace the following reference:*

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61000-3-2	2018	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤16 A per phase)	EN IEC 61000-3-2	2019
+ A1	2020		+ A1	2021

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