



Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
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ILNAS-EN IEC 61000-4-11:2020

Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations

Compatibilité électromagnétique (CEM) -
Partie 4-11: Techniques d'essai et de
mesure - Essais d'immunité aux creux de
tension, coupures brèves et variations de

Elektromagnetische Verträglichkeit (EMV)
- Teil 4-11: Prüf- und Messverfahren -
Prüfungen der Störfestigkeit gegen
Spannungseinbrüche,

03/2020



National Foreword

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English Version

**Electromagnetic compatibility (EMC) - Part 4-11: Testing and
measurement techniques - Voltage dips, short interruptions and
voltage variations immunity tests for equipment with input current
up to 16 A per phase
(IEC 61000-4-11:2020)**

Compatibilité électromagnétique (CEM) - Partie 4-11:
Techniques d'essai et de mesure - Essais d'immunité aux
creux de tension, coupures brèves et variations de tension
pour les appareils à courant d'entrée inférieur ou égal à 16
A par phase
(IEC 61000-4-11:2020)

Elektromagnetische Verträglichkeit (EMV) - Teil 4-11: Prüf-
und Messverfahren - Prüfungen der Störfestigkeit gegen
Spannungseinbrüche, Kurzzeitunterbrechungen und
Spannungsschwankungen für Geräte mit einem
Eingangsstrom bis zu und einschließlich 16 A je Leiter
(IEC 61000-4-11:2020)

This European Standard was approved by CENELEC on 2020-03-03. 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

European foreword

The text of document 77A/1039/FDIS, future edition 3 of IEC 61000-4-11, 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 IEC 61000-4-11:2020.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2020-12-03
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-03-03

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The text of the International Standard IEC 61000-4-11:2020 was approved by CENELEC as a European Standard without any modification.

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

IEC 61000-2 (series)	NOTE	Harmonized as EN 61000-2 (series)
IEC 61000-2-4	NOTE	Harmonized as EN 61000-2-4
IEC 61000-4-11:2004	NOTE	Harmonized as EN 61000-4-11:2004 (not modified)
IEC 61000-4-14	NOTE	Harmonized as EN 61000-4-14

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>
IEC TR 61000-2-8	-	Electromagnetic compatibility (EMC) – Part 2-8: Environment – Voltage dips and short interruptions on public electric power supply systems with statistical measurement results	-	-



INTERNATIONAL STANDARD

NORME INTERNATIONALE



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PUBLICATION FONDAMENTALE EN CEM

**Electromagnetic compatibility (EMC) –
Part 4-11: Testing and measurement techniques – Voltage dips, short
interruptions and voltage variations immunity tests for equipment with input
current up to 16 A per phase**

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