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## **Elektromagnetisk kompatibilitet (EMC) – Del 3-3: Grænseværdier – Begrænsning af spændingsændringer, spændingsfluktuationer og flimmer i offentlige lavspændingsforsyningsnet for udstyr med mærkestrøm $\leq 16$ A pr. fase og ikke underlagt regler om betinget tilslutning**

Electromagnetic compatibility (EMC) – Part 3-3: Limits –  
Limitation of voltage changes, voltage fluctuations and flicker  
in public low-voltage supply systems, for equipment with rated  
current  $\leq 16$  A per phase and not subject to conditional connection

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**Denne publikations overensstemmelse er:**

**IDT med: IEC 61000-3-3:2013/AMD2:2021 ED3**

**IDT med: EN 61000-3-3:2013/A2:2021**

**DS-publikationen er på engelsk.**

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## EUROPÄISCHE NORM

November 2021

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English Version

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public low-voltage supply systems, for equipment with rated  
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connection  
(IEC 61000-3-3:2013/A2:2021)**

Compatibilité électromagnétique (CEM) - Partie 3-3: Limites  
- Limitation des variations de tension, des fluctuations de  
tension et du papillotement dans les réseaux publics  
d'alimentation basse tension, pour les matériels ayant un  
courant assigné  $\leq 16$  A par phase et non soumis à un  
raccordement conditionnel  
(IEC 61000-3-3:2013/A2:2021)

Elektromagnetische Verträglichkeit (EMV) - Teil 3-3:  
Grenzwerte - Begrenzung von Spannungsänderungen,  
Spannungsschwankungen und Flicker in öffentlichen  
Niederspannungs-Versorgungsnetzen für Geräte mit einem  
Bemessungsstrom  $\leq 16$  A je Leiter, die keiner  
Sonderanschlussbedingung unterliegen  
(IEC 61000-3-3:2013/A2:2021)

This amendment A2 modifies the European Standard EN 61000-3-3:2013; it was approved by CENELEC on 2021-04-29. 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.

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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**

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## European foreword

The text of document 77A/1075/CDV, future IEC 61000-3-3/A2, 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 61000-3-3:2013/A2:2021.

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) 2022-05-05
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-11-05

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This document has been prepared under a Standardization Request given to CENELEC by the European Commission and the European Free Trade Association.

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## Endorsement notice

The text of the International Standard IEC 61000-3-3:2013/A2:2021 was approved by CENELEC as a European Standard without any modification.

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Edition 3.0 2021-03

# INTERNATIONAL STANDARD

## AMENDMENT 2

**Electromagnetic compatibility (EMC) –  
Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker  
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### ELECTROMAGNETIC COMPATIBILITY (EMC) –

#### Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current $\leq 16$ A per phase and not subject to conditional connection

#### AMENDMENT 2

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Amendment 2 to IEC 61000-3-3:2013 has been prepared by subcommittee 77A: EMC – Low frequency phenomena, of IEC technical committee 77: Electromagnetic compatibility.

The text of this Amendment is based on the following documents:

CDV	Report on voting
77A/1075/CDV	77A/1093/RVC

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this Amendment is English.

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This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/standardsdev/publications/](http://www.iec.ch/standardsdev/publications/).

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