

STN	Elektromagnetická kompatibilita (EMC) Časť 4-34: Metódy skúšania a merania Skúška odolnosti proti krátkodobým poklesom napätia, krátkym prerušeniam a kolísaniu napätia zariadení so vstupným fázovým prúdom väčším ako 16 A Zmena A2	STN EN 61000-4-34/A2 33 3432
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Electromagnetic compatibility (EMC) - Part 4-34: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current more than 16 A per phase

Táto norma obsahuje anglickú verziu európskej normy.

This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 11/25

STN EN 61000-4-34 z januára 2008 sa bez tejto zmeny A2 môže používať do 31. 10. 2028.

Obsahuje: EN 61000-4-34:2007/A2:2025, IEC 61000-4-34:2005/AMD2:2025

141545



Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2025

Slovenská technická norma a technická normalizačná informácia je chránená zákonom č. 60/2018 Z. z. o technickej normalizácii v znení neskorších predpisov.

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61000-4-34:2007/A2

October 2025

ICS 33.100.20

English Version

**Electromagnetic compatibility (EMC) - Part 4-34: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 A per phase
(IEC 61000-4-34:2005/AMD2:2025)**

Compatibilité électromagnétique (CEM) - Partie 4-34:
Techniques d'essai et de mesure - Essais d'immunité aux
creux de tension, coupures brèves et variations de tension
pour matériel ayant un courant d'alimentation de plus de 16
A par phase
(IEC 61000-4-34:2005/AMD2:2025)

Elektromagnetische Verträglichkeit (EMV) - Teil 4-34: Prüf-
und Messverfahren - Prüfungen der Störfestigkeit von
Geräten und Einrichtungen mit einem Netzstrom > 16 A je
Leiter gegen Spannungseinbrüche,
Kurzzeitunterbrechungen und Spannungsschwankungen
(IEC 61000-4-34:2005/AMD2:2025)

This amendment A2 modifies the European Standard EN 61000-4-34:2007; it was approved by CENELEC on 2025-09-11. 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.

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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 61000-4-34:2007/A2:2025 (E)**European foreword**

The text of document 77A/1233/CDV, future edition 1 of IEC 61000-4-34/AMD2, 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 61000-4-34:2007/A2:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-10-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2028-10-31 document have to be withdrawn

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Endorsement notice

The text of the International Standard IEC 61000-4-34:2005/AMD2:2025 was approved by CENELEC as a European Standard without any modification.



IEC 61000-4-34

Edition 1.0 2025-08

INTERNATIONAL STANDARD

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**Electromagnetic compatibility (EMC) -
Part 4-34: Testing and measurement techniques - Voltage dips, short
interruptions and voltage variations immunity tests for equipment with mains
current more than 16 A per phase**

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Partie 4-34: Techniques d'essai et de mesure - Essais d'immunité aux creux de
tension, coupures brèves et variations de tension pour matériel ayant un courant
d'alimentation de plus de 16 A par phase**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**Electromagnetic compatibility (EMC) -
Part 4-34: Testing and measurement techniques - Voltage dips, short
interruptions and voltage variations immunity tests for equipment with
mains current more than 16 A per phase**

AMENDMENT 2**FOREWORD**

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Amendment 2 to IEC 61000-4-34:2005 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:

Draft	Report on voting
77A/1233/CDV	77A/1247/RVC

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

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

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