

STN	Systémy elektrických výkonových pohonov s nastaviteľnou rýchlosťou Časť 5-1: Bezpečnostné požiadavky Elektrické, tepelné a energetické požiadavky Zmena A1	STN EN 61800-5-1/A1 35 1720
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Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy

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. 08/17

STN EN 61800-5-1 z februára 2008 sa bez zmeny A1 môže používať do 28. 4. 2020.

Obsahuje: EN 61800-5-1:2007/A1:2017, IEC 61800-5-1:2007/AMD1:2016

125321

Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2017
Podľa zákona č. 264/1999 Z. z. o technických požiadavkách na výrobky a o posudzovaní zhody a o zmene a doplnení niektorých zákonov v znení neskorších predpisov sa slovenská technická norma a časti slovenskej technickej normy môžu rozmnožovať alebo rozširovať len so súhlasom slovenského národného normalizačného orgánu.

EUROPEAN STANDARD

EN 61800-5-1:2007/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2017

ICS 29.130

English Version

**Adjustable speed electrical power drive systems -
Part 5-1: Safety requirements - Electrical, thermal and energy
(IEC 61800-5-1:2007/A1:2016)**

Entraînements électriques de puissance à vitesse variable -
Partie 5-1: Exigences de sécurité - Electrique, thermique et
énergétique
(IEC 61800-5-1:2007/A1:2016)

Elektrische Leistungsantriebssysteme mit einstellbarer
Drehzahl - Teil 5-1: Anforderungen an die Sicherheit -
Elektrische, thermische und energetische Anforderungen
(IEC 61800-5-1:2007/A1:2016)

This amendment A1 modifies the European Standard EN 61800-5-1:2007; it was approved by CENELEC on 2016-10-05. 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.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 61800-5-1:2007/A1:2017**European foreword**

The text of document 22G/338/FDIS, future IEC 61800-5-1:2007/A1, prepared by SC 22G "Adjustable speed electric drive systems incorporating semiconductor power converters" of IEC/TC 22 "Power electronic systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61800-5-1:2007/A1:2017.

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) 2017-10-28
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2020-04-28

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Endorsement notice

The text of the International Standard IEC 61800-5-1:2007/A1:2016 was approved by CENELEC as a European Standard without any modification.

In the bibliography of EN 61800-5-1:2007, the following notes have to be **added** for the standards indicated:

IEC 60664-1:2007	NOTE	Harmonized as EN 60664-1:2007 (not modified).
IEC 62477-1:2012	NOTE	Harmonized as EN 62477-1:2012 (not modified).

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When 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>
Add to Annex ZA of EN 61800-5-1:2007 the following new references:				
IEC 60947-4-1	2009	Low-voltage switchgear and controlgear - Part 4-1: Contactors and motor-starters - Electromechanical contactors and motor-starters	EN 60947-4-1	2010
+A1	2012		+A1	2012
IEC 60364-4-41 (mod)	2005	Low-voltage electrical installations - Part 4-41: Protection for safety - Protection against electric shock	HD 60364-4-41 + corr. July	2007 2007
+A1	2016		+A1	201X ¹⁾

¹⁾ At draft stage.



INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
AMENDEMENT 1

**Adjustable speed electrical power drive systems –
Part 5-1: Safety requirements – Electrical, thermal and energy**

**Entraînements électriques de puissance à vitesse variable –
Partie 5-1: Exigences de sécurité – Electrique, thermique et énergétique**





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INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
AMENDEMENT 1

**Adjustable speed electrical power drive systems –
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**Entraînements électriques de puissance à vitesse variable –
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FOREWORD

This amendment has been prepared by subcommittee SC 22G: Adjustable speed electric drive systems incorporating semiconductor power converters, of IEC technical committee 22: Power electronic systems and equipment.

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

FDIS	Report on voting
22G/338/FDIS	22G/342/RVD

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

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

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

2 Normative references

Add the following normative references:

IEC 60947-4-1:2009, *Low-voltage switchgear and controlgear – Part 4-1: Contactors and motor-starters – Electromechanical contactors and motor-starters*
IEC 60947-4-1:2009/AMD1:2012

IEC 60364-4-41:2005, *Low-voltage electrical installations – Part 4-41: Protection for safety – Protection against electric shock*
IEC 60364-4-41:2005/AMD1:—¹

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

¹ Under preparation. Stage at the time of publication: IEC DEC 60364-4-41:2016.