SLOVENSKI STANDARD
SIST EN 61800-7-301:2008

01-junij-2008

Električni pogonski sistemi z nastavljivo hitrostjo - 7-301. del: Generični vmesnik in uporaba profilov za električne pogonske sisteme - Preslikava profilov na omrežne tehnologije (IEC 61800-7-301:2007)

Adjustable speed electrical power drive systems - Part 7-300: Generic interface and use of profiles for power drive systems - Mapping of profiles to network technologies (IEC 61800-7-301:2007)

Elektrische Leistungsantriebssysteme mit einstellbarer Drehzahl -- Teil 7-300: Generisches Interface und Nutzung von Profilen für Leistungsantriebssysteme (PDS) - Abbildung der Profile auf Netzwerktechnologien (IEC 61800-7-301:2007)

Entraînements électriques de puissance à vitesse variable - Partie 7-300: Interface et utilisation génériques de profils pour les entraînements électriques de puissance - Mapping des profils pour technologies réseaux (CEI 61800-7-301:2007)

Ta slovenski standard je istoveten z: **EN 61800-7-301:2008**

ICS:

29.200	Usmerniki. Pretvorniki. Stabilizirano električno napajanje	Rectifiers. Convertors. Stabilized power supply
35.100.05	Večslojne uporabniške rešitve	Multilayer applications

SIST EN 61800-7-301:2008 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 61800-7-301

April 2008

ICS 29.200; 35.100.05

English version

Adjustable speed electrical power drive systems - Part 7-301: Generic interface and use of profiles for power drive systems - Mapping of profile type 1 to network technologies

(IEC 61800-7-301:2007)

Entraînements électriques de puissance à vitesse variable - Partie 7-301: Interface et utilisation génériques de profils pour les entraînements électriques de puissance - Mapping des profils de type 1 pour technologies réseaux (CEI 61800-7-301:2007)

Elektrische Leistungsantriebssysteme mit einstellbarer Drehzahl - Teil 7-301: Generisches Interface und Nutzung von Profilen für Leistungsantriebssysteme (PDS) - Abbildung von Profil-Typ 1 auf Netzwerktechnologien (IEC 61800-7-301:2007)

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CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Ref. No. EN 61800-7-301:2008 E

Foreword

The text of document 22G/185/FDIS, future edition 1 of IEC 61800-7-301, 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 was approved by CENELEC as EN 61800-7-301 on 2008-02-01.

The following dates were fixed:

– latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2008-11-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2011-02-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61800-7-301:2007 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 61158	NOTE	Harmonized in EN 61158 series (not modified).
IEC 61499-1	NOTE	Harmonized as EN 61499-1:2005 (not modified).
IEC 61800	NOTE	Harmonized in EN 61800 series (not modified).
IEC 61800-7-1	NOTE	Harmonized as EN 61800-7-1:2008 (not modified).
IEC 61800-7-202	NOTE	Harmonized as EN 61800-7-202:2008 (not modified).
IEC 61800-7-203	NOTE	Harmonized as EN 61800-7-203:2008 (not modified).
IEC 61800-7-204	NOTE	Harmonized as EN 61800-7-204:2008 (not modified).
IEC 61800-7-302	NOTE	Harmonized as EN 61800-7-302:2008 (not modified).
IEC 61800-7-303	NOTE	Harmonized as EN 61800-7-303:2008 (not modified).
IEC 61800-7-304	NOTE	Harmonized as EN 61800-7-304:2008 (not modified).

Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Publication	Year	Title	EN/HD	Year
-	-	Industrial communications subsystem based on ISO 11898 (CAN) for controller-device interfaces - Part 4: CANopen	EN 50325-4	- [1]
IEC 61158-5-12	- [1]	Industrial communication networks - Fieldbus specifications - Part 5-12: Application layer service definition - Type 12 elements	EN 61158-5-12	2008 [2]
IEC 61158-5-13	- [1]	Industrial communication networks - Fieldbus specifications - Part 5-13: Application layer service definition - Type 13 elements	EN 61158-5-13	2008 [2]
IEC 61158-6-12	- [1]	Industrial communication networks - Fieldbus specifications - Part 6-12: Application layer protocol specification - Type 12 elements	EN 61158-6-12	2008 [2]
IEC 61158-6-13	- [1]	Industrial communication networks - Fieldbus specifications - Part 6-13: Application layer protocol specification - Type 13 elements	EN 61158-6-13	2008 [2]
IEC 61800-7	Series	Adjustable speed electrical power drive systems - Generic interface and use of profiles for power drive systems	EN 61800-7	Series
IEC 61800-7-201	2007	Adjustable speed electrical power drive systems - Part 7-201: Generic interface and use of profiles for power drive systems - Profile type 1 specification	EN 61800-7-201	2008 [2]

[1] Undated reference.

[2] Valid edition at date of issue.

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Edition 1.0 2007-11

INTERNATIONAL STANDARD

Adjustable speed electrical power drive systems – Part 7-301: Generic interface and use of profiles for power drive systems – Mapping of profile type 1 to network technologies

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ADJUSTABLE SPEED ELECTRICAL POWER DRIVE SYSTEMS –

Part 7-301: Generic interface and use of profiles for power drive systems – Mapping of profile type 1 to network technologies

FOREWORD

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The International Standard IEC 61800-7-301 has been prepared by subcommittee SC 22G: Adjustable speed electric drive systems incorporating semiconductor power converters, of IEC technical committee TC 22: Power electronic systems and equipment.

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

FDIS	Report on voting
22G/185/FDIS	22G/193/RVD

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts of the IEC 61800 series, under the general title *Adjustable speed electrical power drive systems*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result 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.

A bilingual version of this publication may be issued at a later date.