SLOVENSKI STANDARD
SIST EN 61850-7-2:2011

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Nadomešča:
SIST EN 61850-7-2:2004

Komunikacijska omrežja in sistemi za avtomatizacijo porabe električne energije - 7 -2. del: Osnovna informacijska in komunikacijska struktura - Vmesnik abstraktne komunikacijske storitve (ACSI) (IEC 61850-7-2:2010)

Communication networks and systems for power utility automation - Part 7-2: Basic information and communication structure - Abstract communication service interface (ACSI) (IEC 61850-7-2:2010)

Kommunikationsnetze und -systeme für die Automatisierung in der elektrischen Energieversorgung - Teil 7-2: Grundlegende Informations- und Kommunikationsstruktur - Abstrakte Schnittstelle für Kommunikationsdienste (ACSI) (IEC 61850-7-2:2010)

Réseaux de communication pour l'automatisation des systèmes des compagnies d'électricité - Partie 7-2: Principes des structures d'informations et de communication - Interface de services abstraits de communication (ACSI) (CEI 61850-7-2:2010)

Ta slovenski standard je istoveten z: **EN 61850-7-2:2010**

ICS:

29.240.30	Krmilna oprema za elektroenergetske sisteme	Control equipment for electric power systems
33.200	Daljinsko krmiljenje, daljinske meritve (telemetrija)	Telecontrol. Telemetering

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English version

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(IEC 61850-7-2:2010)

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard 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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

CENELEC

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

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 57/1065/FDIS, future edition 2 of IEC 61850-7-2, prepared by IEC TC 57, Power systems management and associated information exchange, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61850-7-2 on 2010-10-01.

This European Standard supersedes EN 61850-7-2:2003.

The major technical changes with regard to EN 61850-7-2:2003 are as follows:

– class diagrams have been updated;

– data types not required have been removed;

– errors and typos haven been corrected;

– substitution model has been moved to EN 61850-7-3;

– service tracking for control blocks have been added;

– the view concept will be according to the new work on role bases access (RBA);

– security issues are solved by the IEC 62351 series; and

– several terms have been harmonized with those in the other parts.

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

In this document, the following print types are used:

– **bold** is used to highlight defined terms;

– Tahoma is used where the difference between a capital I (I) and a small L (l) is important to see.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN and CENELEC shall not be held responsible for identifying any or all such patent rights.

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)	2011-07-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2013-10-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61850-7-2:2010 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 61400-25-2	NOTE	Harmonized as EN 61400-25-2.
IEC 61850-8 series	NOTE	Harmonized in EN 61850-8 series (not modified).
IEC 61850-9 series	NOTE	Harmonized in EN 61850-9 series (not modified).

IEC 61850-9-1 NOTE Harmonized as EN 61850-9-1.

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
IEC/TS 61850-2	-	Communication networks and systems in substations - Part 2: Glossary	-	-
IEC 61850-5	-	Communication networks and systems in substations - Part 5: Communication requirements for functions and device models	EN 61850-5	-
IEC 61850-6	-	Communication networks and systems for power utility automation - Part 6: Configuration description language for communication in electrical substations related to IEDs	EN 61850-6	-
IEC 61850-7-1	-	Communication networks and systems in substations - Part 7-1: Basic communication structure for substation and feeder equipment - Principles and models	EN 61850-7-1	-
IEC 61850-7-3	-	Communication networks and systems in substations - Part 7-3: Basic communication structure for substation and feeder equipment - Common data classes	EN 61850-7-3	-
IEC 61850-7-4	-	Communication networks and systems for power utility automation - Part 7-4: Basic communication structure - Compatible logical node classes and data object classes	EN 61850-7-4	-
IEC 61850-8-1	-	Communication networks and systems in substations - Part 8-1: Specific Communication Service Mapping (SCSM) - Mappings to MMS (ISO 9506-1 and ISO 9506-2) and to ISO/IEC 8802-3	EN 61850-8-1	-
IEC 61850-9-2	-	Communication networks and systems in substations - Part 9-2: Specific Communication Service Mapping (SCSM) - Sampled values over ISO/IEC 8802-3	EN 61850-9-2	-

Publication	Year	Title	EN/HD	Year
ISO 4217	-	Codes for the representation of currencies and funds	-	-
ISO 9506-1	-	Industrial automation systems - Manufacturing Message Specification - Part 1: Service definition	-	-
IEEE 754	-	Binary floating-point arithmetic	-	-

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