

SLOVENSKI STANDARD

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Izmenjava podatkov pri merjenju električne energije - Niz DLMS/COSEM - 6-2. del: Vmesniški razredi COSEM

Electricity metering data exchange - The DLMS/COSEM suite - Part 6-2: COSEM
interface classes

Datenkommunikation der elektrischen Energiemessung - DLMS/COSEM - Teil 6-2:
Interface-Klassen

Echange des données de comptage de l'électricité - La suite DLMS/COSEM - Partie 6-
2: Classes d'interface COSEM (CEI 62056-6-2:2013)

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35.200	Vmesniška in povezovalna oprema	Interface and interconnection equipment
91.140.50	Sistemi za oskrbo z elektriko	Electricity supply systems

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**Electricity metering data exchange - The DLMS/COSEM suite -
Part 6-2: COSEM interface classes
(IEC 62056-6-2:2016)**

Échange des données de comptage de l'électricité -
La suite DLMS/COSEM - Partie 6-2: Classes d'interfaces
COSEM
(IEC 62056-6-2:2016)

Datenkommunikation der elektrischen Energiemessung -
DLMS/COSEM - Teil 6-2: COSEM Interface-Klassen
(IEC 62056-6-2:2016)

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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 62056-6-2:2016**European foreword**

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The following dates are fixed:

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- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2019-12-09

This document supersedes EN 62056-6-2:2013.

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The text of the International Standard IEC 62056-6-2:2016 was approved by CENELEC as a European Standard without any modification.

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 62056-4-7:2015	NOTE	Harmonized as EN 62056-4-7:2015 (not modified).
IEC 62056-7-6:2013	NOTE	Harmonized as EN 62056-7-6:2013 (not modified).
IEC 62056-8-3:2013	NOTE	Harmonized as EN 62056-8-3:2013 (not modified).
IEC 62056-9-7:2013	NOTE	Harmonized as EN 62056-9-7:2013 (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>
-	-	Communication systems for meters and remote reading of meters - Part 2: Physical and link layer	EN 13757-2	2004
-	-	Communication systems for meters and remote reading of meters - Part 3: Dedicated application layer	EN 13757-3	2004 ¹⁾
-	-	Communication systems for meters and remote reading of meters - Part 3: Dedicated application layer	EN 13757-3	2013
-	-	Communication systems for meters - Part 5: Wireless M-Bus relaying	EN 13757-5	2015
IEC 61334-4-32	1996	Distribution automation using distribution line carrier systems - Part 4: Data communication protocols - Section 32: Data link layer - Logical link control (LLC)	EN 61334-4-32	1996
IEC 61334-4-41	1996	Distribution automation using distribution line carrier systems - Part 4: Data communication protocols - Section 41: Application protocols - Distribution line message specification	EN 61334-4-41	1996
IEC 61334-4-511	2000	Distribution automation using distribution line carrier systems - Part 4-511: Data communication protocols - Systems management - CIASE protocol	EN 61334-4-511	2000
IEC 61334-4-512	2001	Distribution automation using distribution line carrier systems - Part 4-512: Data communication protocols - System management using profile 61334-5-1 - Management Information Base (MIB)	EN 61334-4-512	2002
IEC 61334-5-1	2001	Distribution automation using distribution line carrier systems - Part 5-1: Lower layer profiles - The spread frequency shift keying (S-FSK) profile	EN 61334-5-1	2001

¹⁾ Superseded by EN 13757-3:2013.

EN 62056-6-2:2016

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61334-6	2000	Distribution automation using distribution line carrier systems - Part 6: A-XDR encoding rule	EN 61334-6	2000
IEC 62056-21	2002	Electricity metering - Data exchange for meter reading, tariff and load control - Part 21: Direct local data exchange	EN 62056-21	2002
IEC 62056-31	1999	Electricity metering - Data exchange for meter reading, tariff and load control - Part 31: Use of local area networks on twisted pair with carrier signalling	EN 62056-31	2000 ²⁾
IEC 62056-3-1	2013	Electricity metering data exchange - The DLMS/COSEM suite - Part 3-1: Use of local area networks on twisted pair with carrier signalling	EN 62056-3-1	2014
IEC 62056-46 + A1	2002 2006	Electricity metering - Data exchange for meter reading, tariff and load control - Part 46: Data link layer using HDLC protocol	EN 62056-46 + A1	2002 2007
IEC 62056-5-3	2016	Electricity metering data exchange - The DLMS/COSEM suite - Part 5-3: DLMS/COSEM application layer	EN 62056-5-3	2016
IEC 62056-6-1	2015	Electricity metering data exchange - The DLMS/COSEM suite - Part 6-1: Object Identification System (OBIS)	EN 62056-6-1	2016
ISO/IEC 8802-2	1998	Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part-2: Logical link control	-	-
ISO/IEC/IEEE 60559	2011	Information technology - Microprocessor Systems - Floating-Point arithmetic	-	-
IEEE 802.15.4	2006	IEEE Standard for Information technology- Telecommunications and information exchange between systems- Local and metropolitan area networks- Specific requirements Part 15.4: Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for Low-Rate Wireless Personal Area Networks (WPANs)	-	-
ITU-T G.9901	2014	SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS - Access Networks - In premises networks - Narrow-band orthogonal frequency division multiplexing power line communication transceivers - Power spectral density specification	-	-

²⁾ Superseded by EN 62056-3-1:2014 (IEC 62056-3-1:2013).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ITU-T G.9903:2012/A1	2013	SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS - Access networks - In premises networks – Narrow-band orthogonal frequency division multiplexing power line communication transceivers for G3-PLC networks	-	-
ITU-T G.9903	2014	SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS - Access networks - In premises networks - Narrow-band orthogonal frequency division multiplexing power line communication transceivers for G3-PLC networks	-	-
ITU-T G.9904	2012	SERIES G: TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS - Access networks - In premises networks - Narrow-band orthogonal frequency division multiplexing power line communication transceivers for PRIME networks	-	-
ETSI GSM 05.08	-	Digital cellular telecommunications system - (Phase 2+); Radio subsystem link control	-	-
ANSI C12.19/ IEEE 1377	1997 1997	Utility Industry End Device Data Tables	-	-
IETF STD 51	1994	The Point-to-Point Protocol (PPP)	-	-
IETF RFC 791	1981	INTERNET PROTOCOL DARPA INTERNET PROGRAM PROTOCOL SPECIFICATION	-	-
IETF RFC 1332	1992	The PPP Internet Protocol Control Protocol (IPCP)	-	-
IETF RFC 1570	1994	PPP LCP Extensions	-	-
IETF RFC 1661	1994	Point-to-Point Protocol (PPP)	-	-
IETF RFC 1662	1994	PPP in HDLC-like Framing	-	-
RFC 1994	1996	PPP Challenge Handshake Authentication Protocol (CHAP)	-	-
RFC 2433	1998	PPP CHAP Extension	-	-
IETF RFC 2474	1998	Definition of the Differentiated Services Field (DS Field) in the IPv4 and IPv6 Headers	-	-
IETF RFC 2507	1999	IP Header Compression	-	-
RFC 2759	2000	Microsoft PPP CHAP Extensions	-	-
IETF RFC 3241	2002	Robust Header Compression (ROHC) over PPP	-	-
RFC 3513	2003	Internet Protocol Version 6 (IPv6) Addressing Architecture	-	-
RFC 3544	2003	IP Header Compression over PPP	-	-
IETF RFC 4861	2007	Neighbor Discovery for IP version 6 (IPv6)	-	-

Point-to-Point (PPP) Protocol Field Assignments. Online database. Available from:

<http://www.iana.org/assignments/ppp-numbers/ppp-numbers.xhtml>

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<https://standards.iteh.ai/catalog/standards/sist/62b54aca-f493-44f3-ba98-b6a90bb23743/sist-en-62056-6-2-2017>



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Electricity metering data exchange – The DLMS/COSEM suite –
Part 6-2: COSEM interface classes
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Échange des données de comptage de l'électricité – La suite DLMS/COSEM –
Partie 6-2: Classes d'interfaces COSEM

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