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ILNAS-EN IEC 62056-3-1:2021

Electricity metering data exchange - The DLMS/COSEM suite - Part 3-1: Use of local area networks on twisted pair with carrier signalling

Datenkommunikation der elektrischen
Energiemessung – DLMS/COSEM – Teil
3-1: Nutzung lokaler Netzwerke mit
Trägerfrequenz-Signalübertragung auf

Échange des données de comptage de
l'électricité - La suite DLMS/COSEM -
Partie 3-1: Utilisation des réseaux locaux
sur paire torsadée avec signal de

08/2021



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Supersedes EN 62056-3-1:2014 and all of its
amendments and corrigenda (if any)

English Version

**Electricity metering data exchange - The DLMS/COSEM suite -
Part 3-1: Use of local area networks on twisted pair with carrier
signalling
(IEC 62056-3-1:2021)**

Échange des données de comptage de l'électricité - La
suite DLMS/COSEM - Partie 3-1: Utilisation des réseaux
locaux sur paire torsadée avec signal de porteuse
(IEC 62056-3-1:2021)

Datenkommunikation der elektrischen Energiemessung -
DLMS/COSEM - Teil 3-1: Nutzung lokaler Netzwerke mit
Trägerfrequenz-Signalübertragung auf verdrehten
Zweidrahtleitungen
(IEC 62056-3-1:2021)

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European Committee for Electrotechnical Standardization
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Europäisches Komitee für Elektrotechnische Normung

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European foreword

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In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 62056-6-1:2017 NOTE Harmonized as EN 62056-6-1:2017 (not modified)

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1 Where 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>
IEC 61334-4-41	1996	Distribution automation using distribution line carrier systems - Part 4: Data communication protocols - Section 41: Application protocol - Distribution line message specification	EN 61334-4-41	1996
IEC 62056-5-3	2017	Electricity metering data exchange - The DLMS/COSEM suite - Part 5-3: DLMS/COSEM application layer	EN 62056-5-3	2017
IEC 62056-6-2	2017	Electricity metering data exchange - The DLMS/COSEM suite - Part 6-2: COSEM interface classes	EN IEC 62056-6-2	2018
IEC 62056-51	1998	Electricity metering - Data exchange for meter reading, tariff and load control - Part 51: Application layer protocols	-	-
ISO/IEC 8482	1993	Information technology - Telecommunications and information exchange between systems - Twisted pair multipoint interconnections	-	-
EIA 485	-	Electrical characteristics of generators and receivers for use in balanced digital multipoint systems	-	-



INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Electricity metering data exchange – The DLMS/COSEM suite –
Part 3-1: Use of local area networks on twisted pair with carrier signalling**

**Échange des données de comptage de l'électricité – La suite DLMS/COSEM –
Partie 3-1: Utilisation des réseaux locaux sur paire torsadée avec signal de
porteuse**

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