

<b>STN</b>	<b>Výmena údajov pri meraní elektrickej energie. Súbor DLMS/COSEM. Časť 8-7: Komunikačný profil AMC-SS PLC pre susedné siete.</b>	<b>STN P CLC/TS 52056-8-7</b>
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Electricity metering data exchange - The DLMS/COSEM suite - Part 8-7: AMC-SS PLC communication profile for neighbourhood networks

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. 07/15

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**Electricity metering data exchange - The DLMS/COSEM suite -  
Part 8-7: AMC-SS PLC communication profile for neighbourhood  
networks**

This Technical Specification was approved by CENELEC on 2014-11-11.

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## CONTENTS

Foreword .....	4
1 Scope.....	5
2 Normative references .....	5
3 Abbreviations .....	6
4 Targeted communication environments.....	8
5 Reference model .....	9
6 Physical Layer (PHY) .....	10
6.1 Overview – main features and functions .....	10
6.2 PHY layer services .....	10
7 Data Link Layer .....	11
7.1 Functions and structure .....	11
7.2 The Medium Access Control sub-layer.....	13
7.3 The Logical Link Control sub-layer .....	13
7.3.1 Overview .....	13
7.3.2 Layer-2-network management functions .....	13
7.3.3 Communication functions.....	14
7.3.4 Segmentation and reassembly.....	14
7.4 The Convergence sub-layer.....	14
7.4.1 Overview .....	14
7.4.2 DLMS/COSEM AL specific convergence sub-layer.....	14
7.4.3 IPv4 specific convergence sub-layer.....	19
7.4.4 IPv6 specific convergence sub-layer.....	26
7.5 Identification and addressing.....	32
8 Upper layers (Session, Presentation, Application) .....	33
8.1 Overview .....	33
8.2 Mapping of application layer services .....	34
8.3 Registration services .....	35
8.3.1 Overview .....	35
8.3.2 CL_control.indication .....	35
8.3.3 CL_IPv4_control.indication .....	36
8.3.4 CL_IPv6_control.indication .....	37
9 Data Model.....	38
Annex A (normative) IP header compression parameters.....	39
Annex B (informative) Data exchange examples .....	40
B.1 Data retrieval from slave node.....	40
B.2 Data retrieval error case.....	41
List of Figures	
Figure 1 – Communication architecture.....	8
Figure 2 – DLMS/COSEM AMC-SS PLC architecture .....	9
Figure 3 – Primitives between layer 2 and layer 1 .....	11
Figure 4 – Structure of Data Link Layer.....	11
Figure 5 – DLMS/COSEM AL specific primitives between higher layer and layer 2 in a bidirectional data transmission.....	12

Figure 6 – DLMS/COSEM AL specific primitives between higher layer and layer 2 in the case of broadcast .....	12
Figure 7 – DLMS/COSEM AL specific primitives between higher layers and layer 2 in the case of an unsolicited data transmission .....	13
Figure 8 – The IPv4 communication architecture .....	20
Figure 9 – The IPv6 communication architecture .....	26
Figure 10 – Mapping of the DLMS/COSEM Application layer services .....	34
Figure 11 – Registration services specific for DLMS/COSEM AL .....	36
Figure 12 – IPv4 registration services .....	37
Figure 13 – IPv6 registration services .....	38
Figure B 1 – Successful GET command specific for DLMS/COSEM AL .....	40
Figure B 2 – Data retrieval error case specific for DLMS/COSEM AL .....	41

### List of Tables

Table 1 – Coding of the DLC extended control field .....	14
Table 2 – Mapping of CL_data.request to DL_data.request in the master node .....	15
Table 3 – Mapping of CL_data.request to DL_data.request in the slave node .....	16
Table 4 – Mapping of DL_data.indication to CL_data.indication in the master node .....	17
Table 5 – Mapping of DL_data.indication to CL_data.indication in the slave node .....	17
Table 6 – Mapping of DL_data_identifier.confirm to CL_data_request.confirm in the master node .....	18
Table 7 – Mapping of DL_data_identifier.confirm to CL_data_request.confirm in the slave node .....	19
Table 8 – Reserved SAP values on the master node side .....	19
Table 9 – Reserved SAP values on the slave node side .....	19
Table 10 – Mapping of CL_IPv4_data.request to DL_data.request in the master node .....	21
Table 11 – Mapping of CL_IPv4_data.request to DL_data.request in the slave node .....	22
Table 12 – Mapping of DL_data.indication to CL_IPv4_data.indication in the master node .....	23
Table 13 – Mapping of DL_data.indication to CL_IPv4_data.indication in the slave node .....	23
Table 14 – Mapping of DL_data_identifier.confirm to CL_IPv4_data_request.confirm in the master node .....	25
Table 15 – Mapping of DL_data_identifier.confirm to CL_IPv4_data_request.confirm in the slave node .....	25
Table 16 – Mapping of CL_IPv6_data.request to DL_data.request in the master node .....	28
Table 17 – Mapping of CL_IPv6_data.request to DL_data.request in the slave node .....	28
Table 18 – Mapping of DL_data.indication to CL_IPv6_data.indication in the master node .....	29
Table 19 – Mapping of DL_data.indication to CL_IPv6_data.indication in the slave node .....	30
Table 20 – Mapping of DL_data_identifier.confirm to CL_IPv6_data_request.confirm in the master node .....	31
Table 21 – Mapping of DL_data_identifier.confirm to CL_IPv6_data_request.confirm in the slave node .....	32
Table 22 – Mapping of DL_control.indication to CL_control.indication .....	36
Table 23 – Mapping of DL_control.indication to CL_IPv4_control.indication .....	37
Table 24 – Mapping of DL_control.indication to CL_IPv6_control.indication .....	38

## Foreword

This document (CLC/TS 52056-8-7:2015) has been prepared by CLC/TC 13 "Electrical energy measurement and control".

The following date is fixed:

- latest date by which the existence of (doa) 2015-07-24  
this document has to be announced  
at national level

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## 1 Scope

This Technical Specification specifies the DLMS/COSEM communication profile using a compatibly-extendable form (CX1) of Adaptive Multi-Carrier Spread-Spectrum (AMC-SS) PLC for neighbourhood networks. Its structure is in line with the DLMS/COSEM framework as described in EN 62056-1-0[GK1].

The transport layer, the application layer and the data model are as specified in the EN 62056 DLMS/COSEM suite.

## 2 Normative references

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.

CLC/TS 50590:2015, *Electricity metering data exchange - Lower layer PLC profile using Adaptive Multi-Carrier Spread-Spectrum for CX1 networks*

EN 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) (IEC 61334-4-32:1996)*

EN 61334-4-1:1996, *Distribution automation using distribution line carrier systems – Part 4 : Data communication protocols – Section 1: Reference model of the communication system (IEC 61334-4-1:1996)*

EN 62056-5-3, *Electricity metering data exchange – The DLMS/COSEM suite – Part 5-3: DLMS/COSEM application layer (IEC 62056-5-3)*

EN 62056-6-1, *Electricity metering data exchange – The DLMS/COSEM suite – Part 61: OBIS Object identification system (IEC 62056-6-1)*

EN 62056-6-2, *Electricity metering data exchange – The DLMS/COSEM suite – Part 62: Interface classes (IEC 62056-6-2)*

FprEN 62056-4-7:2014, *Electricity metering data exchange - The DLMS/COSEM suite – Part 4-7: DLMS/COSEM transport layer for IP networks (IEC 62056-4-7:201X, 13/1570/CDV)*

EN 62056-9-7:2013, *Electricity metering data exchange – The DLMS/COSEM Suite – Part 9-7: Communication profile for TCP-UDP/IP networks (IEC 62056-9-7:2013)*

RFC 2507 - IP Header Compression. Authors: M. Degermark, B. Nordgren, S. Pink. February 1999. Available from <http://tools.ietf.org/html/rfc2507>

Ipv4 TOS Byte and Ipv6 Traffic Class Octet <http://www.iana.org/assignments/ipv4-tos-byte/ipv4-tos-byte.xml>

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**