

STN	Výmena údajov pri meraní elektrickej energie. Časť 4: Profil nižšej vrstvy PLC používajúci moduláciu SMITP B-PSK.	STN P CLC/TS 50568-4
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Electricity metering data exchange - Part 4: Lower layer PLC profile using SMITP B-PSK modulation

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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Electricity metering data exchange - Part 4: Lower layer PLC profile using SMITP B-PSK modulation

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CONTENTS

Foreword	6
Introduction.....	7
1 Scope.....	8
2 Normative references	8
3 Terms, definitions, acronyms and notations	8
3.1 Terms and definitions	8
3.2 Acronyms	8
3.3 Notations.....	9
4 Overview	9
4.1 Communication characterization on LV network.....	9
4.2 Communication architecture	11
4.2.1 Overview	11
4.2.2 LLC sub-layer	11
4.2.3 MAC sub-layer.....	11
4.2.4 Physical Layer	12
4.2.4.1 Introduction.....	12
4.2.4.2 Modulation and modes	13
4.2.5 Protocol's architecture for LV nodes communication	13
4.3 Requests priority and slave nodes scanning	14
4.4 Communication disciplines	14
4.4.1 Service classes	14
4.4.2 Timers	15
4.4.3 Discipline types	16
4.4.3.1 Disciplines of class S	16
4.4.3.2 Disciplines of class R.....	17
4.4.3.3 Disciplines of class RC.....	19
5 LLC sub layer.....	20
5.1 Primitives and services.....	20
5.1.1 DL_Data.request	20
5.1.1.1 Function.....	20
5.1.1.2 Structure	20
5.1.1.3 Use	21
5.1.2 DL_Data.confirm.....	21
5.1.2.1 Function.....	21
5.1.2.2 Structure	21
5.1.2.3 Use	22
5.1.3 DL_DATA.indication	22
5.1.3.1 Function.....	22
5.1.3.2 Structure	22
5.1.3.3 Use	22
5.2 LLC protocol data unit structure.....	22
5.2.1 LLC_PDU format	22
5.2.2 Control field	23
5.2.3 Address field	23

5.2.4	Invalid L_PDU	23
5.3	LLC procedures.....	23
5.3.1	Procedure for addressing	23
5.3.2	Information transmission.....	23
5.3.3	Information Reception	23
5.3.4	Length of an PDU	23
6	MAC sub layer.....	24
6.1	Primitives and services.....	24
6.1.1	Primitives	24
6.1.2	Service classes	26
6.2	Frame Structure	27
6.2.1	General	27
6.2.2	Frame length (LT).....	28
6.2.3	Address (ADDR).....	28
6.2.4	Control (CTL)	28
6.2.5	Repetition Parameters (RP).....	29
6.2.5.1	General.....	29
6.2.5.2	RP field in RIP frames.....	29
6.2.5.3	RP field in CRP frames	30
6.2.6	Information (INF)	30
6.2.7	Frame checking sequence (SVT).....	30
6.2.8	Example of frame types	30
6.3	Procedures.....	31
6.3.1	Frame filtering	31
6.3.2	Phase detection.....	32
6.3.3	Repetition.....	32
6.3.3.1	General.....	32
6.3.3.2	Example of repetition procedures	32
6.3.3.3	Repetition control.....	36
7	Physical Layer.....	38
7.1	Overview	38
7.2	P_frame Structure	38
7.2.1	General	38
7.2.2	Preamble (PRE)	39
7.2.3	Unique word (UW)	39
7.2.4	Mode	39
7.2.5	P_payload	39
7.3	Modulation	39
7.4	Encoder	40
7.4.1	General	40
7.4.2	Convolutional Encoder.....	40
7.4.3	Convolutional Interleaver.....	41
7.5	P_Data services	43
7.5.1	General	43
7.5.2	P_Data.request	43
7.5.3	P_Data.confirm.....	43
7.5.4	P_Data.indication	43

Annex A (informative) SCA address configuration	44
A.1 Structure of the SCA and ACA addresses	44
Annex B (informative) Disciplines	46
B.1 Discipline timers configuration	46
Annex C (informative) Details on message bit coding	48
C.1 Example of bit coding	48
Annex D (normative) SMITP-BPSK specific definitions	49
D.1 Management of reserved elements	49
D.2 ECTL (Extended control) structure	49

List of figures

Figure 1 – Document structure of prTS 50568-4	7
Figure 2 – Communication section in a LV line	10
Figure 3 – A sub-net	10
Figure 4 – B sub-net	11
Figure 5 – Data transfer on power line	12
Figure 6 – Protocol's architecture in the A sub-net	13
Figure 7 – Protocol's architecture in the B sub-net	13
Figure 8 – Messages exchange in the SAx discipline	17
Figure 9 – Messages exchange in the RAx discipline	17
Figure 10 – Messages exchange in the RBx discipline	18
Figure 11 – Messages exchange in the RCx discipline without repeaters	19
Figure 12 – Messages exchange in the RCx discipline with repeaters	20
Figure 13 – LLC frame structure	23
Figure 14 – Control Field format	23
Figure 15 – Messages exchange in the Sxx service class	26
Figure 16 – Messages exchange in the Rxx service class with (b) or without (a) timeout expiration along the chain,	27
Figure 17 – MAC frame structure	27
Figure 18 – RP field in MAC frame (ACA addresses)	29
Figure 19 – RP field in MAC frame (short form SCA addresses)	30
Figure 20 – RIP MAC frame	31
Figure 21 – NOR1 MAC frame	31
Figure 22 – NOR2 MAC frame	31
Figure 23 – CRP MAC frame	31
Figure 24 – Example of repetition procedure using ACA address	33
Figure 25 – Example of repetition procedure using SCA address	34
Figure 26 – Example of CRP repetition control procedure	37
Figure 27 – Data transfer in Physical Layer	38
Figure 28 – Physical frame (P_frame) structure	39
Figure 29 – Convolutional encoding of the P_payload	40
Figure 30 – Convolutional Encoder	40

Figure 31 – Convolutional Interleaver	41
Figure 32 – P_Data services	43
Figure A.1 – SCA address structure	44
Figure A.2 – ACA address structure	44
Figure C.1 – Frames encapsulation example	48

List of tables

Table 1 – Service classes in communication disciplines	15
Table 2 – MA_EVENT.indication parameters	26
Table 3 – CTL field coding in MAC frame	28
Table 4 – Example of interleaving	42
Table 5 – Shift registers initial condition	43
Table B.1 – Subfield dddd and maximum number of received bytes in A and B subnets for disciplines S, RA and RB.	46
Table B.2 – Subfield ddd and number of time slots for RC disciplines.	46

Foreword

This document (CLC/TS 50568-4:2015) 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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Introduction

This Technical Specification is based on the results of the European OPEN Meter project, Topic Energy 2008.7.1.1, Project no.: 226369, www.openmeter.com.

According to the structure of the CLC/TS 50568 documentation, this document is positioned as highlighted in the following figure:

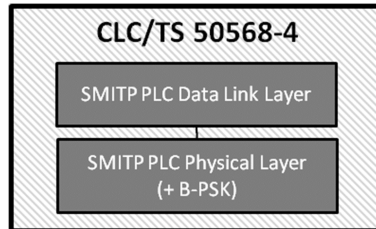


Figure 1 – Document structure of CLC/TS 50568-4

1 Scope

This Technical Specification specifies the characteristics of the profile related to Physical and Data Link Layers for communications on LV distribution network between a Concentrator (master node) and one or more slave nodes.

The following prescriptions are applied to groups of devices that communicate using low voltage network. Each section of the network is composed by one Concentrator (acting as the master of the section), and one or more primary nodes (A-Nodes). Every A-Node can optionally be associated to one secondary node (B-Node).

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.

EN 50065-1, *Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz – Part 1: General requirements, frequency band and electromagnetic disturbances*

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