

SVENSK STANDARD

SS-EN 13757-6:2015



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System för fjärrkommunikation med debiteringsmätare – Del 6: Lokalbuss

Communication systems for meters – Part 6: Local Bus

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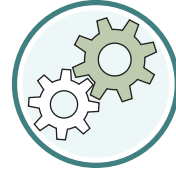
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Europastandarden EN 13757-6:2015 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av EN 13757-6:2015.

Denna standard ersätter SS-EN 13757-6:2008, utgåva 1.

The European Standard EN 13757-6:2015 has the status of a Swedish Standard. This document contains the official English version of EN 13757-6:2015.

This standard supersedes the Swedish Standard SS-EN 13757-6:2008, edition 1.

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Denna standard är framtagen av kommittén för Fjärrkommunikation med debiteringsmätare, SIS/TK 408.

Har du synpunkter på innehållet i den här standarden, vill du delta i ett kommande revideringsarbete eller vara med och ta fram andra standarder inom området? Gå in på www.sis.se - där hittar du mer information.

EUROPEAN STANDARD

EN 13757-6

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2015

ICS 33.200; 35.100.10; 35.100.20

Supersedes EN 13757-6:2008

English Version

Communication systems for meters - Part 6: Local Bus

Systèmes de communication pour compteurs - Partie 6:
Bus local

Kommunikationssysteme für Zähler - Teil 6: Lokales
Bussystem

This European Standard was approved by CEN on 27 September 2015.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN 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 CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document (EN 13757-6:2015) has been prepared by Technical Committee CEN/TC 294 "Communication systems for meters", the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2016, and conflicting national standards shall be withdrawn at the latest by June 2016.

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

This document supersedes EN 13757-6:2008.

The following significant editorial changes compared to the previous edition have been incorporated in this European Standard:

- a) update of the standards title; and
- b) update of normative references to EN 13757-2.

EN 13757 consists of the following parts, under the general title "Communication systems for meters":

- *Part 1: Data exchange*
- *Part 2: Physical and link layer*
- *Part 3: Dedicated application layer*
- *Part 4: Wireless meter readout (Radio meter reading for operation in SRD bands)*
- *Part 5: Wireless M-Bus relaying*
- *Part 6: Local Bus*

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

This European Standard is part of a series of standards which covers communication systems for meters and remote reading of meters.

- EN 13757-1 contains generic descriptions and a communication protocol,
- EN 13757-2 contains the description of the physical and link layer of a universal twisted pair bus system (M-Bus),
- EN 13757-3 contains higher protocol layers like transport or application layer,
- EN 13757-4 specifies wireless communication and
- EN 13757-5 specifies a relaying extension of EN 13757-4.

This European Standard can be used with various link and application layers. Frequently, the application layer of EN 13757-3 (M-Bus) or the DLMS based application layer described in EN 13757-1 is used. An overview of communication systems for meters is given in EN 13757-1, which also contains further definitions.