
Komunikacijski sistemi za merilnike - Brežična zankasta omrežja za izmenjavo podatkov merilnikov - 3. del: Specifikacija energijskega profila namenske aplikacijske plasti

Communication systems for meters - Wireless mesh networking for meter data exchange - Part 3: Energy profile specification dedicated application layer

Kommunikationssysteme für Zähler - Drahtloses Mesh-Netzwerk für den Zählerdatenaustausch - Teil 3: Energie-Profilspezifikation der speziellen Anwendungsschicht

Systèmes de communication des compteurs - Réseau maillé sans fil pour l'échange de données de compteurs - Partie 3 : Spécifications de la couche application spéciale <profil énergie>

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Ta slovenski standard je istoveten z: prEN 16836-3

ICS:

33.200	Daljinsko krmiljenje, daljinske meritve (telemetrija)	Telecontrol. Telemetry
35.100.70	Uporabniški sloj	Application layer

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English Version

**Communication systems for meters - Wireless mesh networking
for meter data exchange - Part 3: Energy profile specification
dedicated application layer**

Systèmes de communication des compteurs - Réseau
maillé sans fil pour l'échange de données de compteurs -
Partie 3 : Spécifications de la couche application spéciale
<profil énergie>

Kommunikationssysteme für Zähler - Drahtloses Mesh-
Netzwerk für den Zählerdatenaustausch - Teil 3: Energie-
Profilspezifikation der speziellen Anwendungsschicht

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 294.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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Foreword

This document (prEN 16836-3:2015) has been prepared by Technical Committee CEN/TC 294 "Communication systems for meters and remote reading of meters", the secretariat of which is held by DIN.

This document is currently submitted to the CEN Enquiry.

EN 16836, *Communication systems for meters – Wireless mesh networking for meter data exchange*, consists of the following parts:

- *Part 1: Introduction and standardization framework;*
- *Part 2: Networking layer and stack specification;*
- *Part 3: Energy profile specification dedicated application layer.*

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Introduction

The EN 16836 series of standards details requirements for gas meters, water meters and heat meters that can interoperate with products in a mesh network that conform to this standard through a smart energy profile application layer. This standard refers to documents made available by the ZigBee Alliance that manages a mesh network specification, freely available from the ZigBee website (www.ZigBee.org).

This series of standards specifies how a mesh networking radio specification applies within the scope of European standards at the application layer, networking layer and also medium access control/physical layer (MAC/PHY).

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