SLOVENSKI STANDARD
SIST EN IEC 63380-3:2025

01-november-2025

Standardni vmesnik za povezovanje polnilnih postaj z lokalnimi sistemi za upravljanje energije - 3. del: Posebni vidiki komunikacijskih protokolov in kibernetske varnosti (IEC 63380-3:2025)

Standard interface for connecting charging stations to local energy management systems - Part 3 Communication protocol and cybersecurity specific aspects (IEC 63380-3:2025)

Standardschnittstelle zum Anschluss von Ladestationen an lokale Energiemanagementsysteme - Teil 3: Kommunikationsprotokoll und spezifische Aspekte der Cybersecurity (IEC 63380-3:2025)

Connectivité réseau et échange d'informations des systèmes locaux de gestion des bornes de charge et des systèmes locaux de gestion de l'énergie - Partie 3: Protocole de communication et aspects spécifiques liés à la cybersécurité (IEC 63380-3:2025)

Ta slovenski standard je istoveten z: **EN IEC 63380-3:2025**

ICS:

29.240.99	Druga oprema v zvezi z omrežji za prenos in distribucijo električne energije	Other equipment related to power transmission and distribution networks
43.120	Električna cestna vozila	Electric road vehicles

SIST EN IEC 63380-3:2025 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 63380-3

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English Version

Standard interface for connecting charging stations to local energy management systems - Part 3 Communication protocol and cybersecurity specific aspects (IEC 63380-3:2025)

Interface normale pour la connexion de bornes de charge aux systèmes locaux de gestion de l'énergie - Partie 3: Protocole de communication et aspects spécifiques liés à la cybersécurité
(IEC 63380-3:2025)

Standardschnittstelle zum Anschluss von Ladestationen an lokale Energiemanagementsysteme - Teil 3: Kommunikationsprotokoll und spezifische Aspekte der Cybersecurity
(IEC 63380-3:2025)

This European Standard was approved by CENELEC on 2025-08-12. CENELEC 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 CENELEC 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 CENELEC 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 Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

The text of document 69/1051/FDIS, future edition 1 of IEC 63380-3, prepared by TC 69 "Electrical power/energy transfer systems for electrically propelled road vehicles and industrial trucks" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63380-3:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2026-09-30
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2028-09-30

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

This document has been prepared under a standardization request addressed to CENELEC by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

Endorsement notice

The text of the International Standard IEC 63380-3:2025 was approved by CENELEC as a European Standard without any modification.

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.cencenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 62394	-	Service diagnostic interface for consumer electronics products and networks - Implementation for echonet	-	-
IEC 63380-2	-	Standard interface for connecting charging stations to local energy management systems - Part 2: Specific data model mapping	IEC 63380-2	-
ISO/IEC 14543-4-3	2015	Information technology - Home Electronic Systems (HES) architecture - Part 4-3: Application layer interface to lower communications layers for network enhanced control devices of HES Class 1	-	-
IETF RFC 793	1981	Transmission Control Protocol - DARPA Internet Program Protocol Specification	-	-
IETF RFC 3280	2002	Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile	-	-
IETF RFC 6455	2011	The WebSocket Protocol	-	-
IETF RFC 6763	-	DNS-Based Service Discovery	-	-
IETF RFC 5246	-	The Transport Layer Security (TLS) Protocol Version 1.2	-	-
IETF RFC 5289	-	TLS Elliptic Curve Cipher Suites with SHA-256/384 and AES Galois Counter Mode (GCM)	-	-
IETF RFC 8422	-	Elliptic Curve Cryptography (ECC) Cipher Suites for Transport Layer Security (TLS) Versions 1.2 and Earlier	-	-

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