SLOVENSKI STANDARD
SIST EN IEC 62980:2023

01-september-2023

Lažni komunikacijski protokol za brezžični radiofrekvenčni prenos električne energije (IEC 62980:2022)

Parasitic communication protocol for radio-frequency wireless power transmission (IEC 62980:2022)

Parasitäres Kommunikationsprotokoll für drahtlose Hochfrequenz-Leistungsübertragung (IEC 62980:2022)

Protocole de communication parasite pour le transfert d'énergie sans fil par rayonnement radiofréquence (IEC 62980:2022)

Ta slovenski standard je istoveten z: **EN IEC 62980:2022**

ICS:

33.160.01	Avdio, video in avdiovizualni sistemi na splošno	Audio, video and audiovisual systems in general

SIST EN IEC 62980:2023 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 62980

November 2022

ICS 29.240.99

English Version

Parasitic communication protocol for radio-frequency wireless power transmission (IEC 62980:2022)

Protocole de communication parasite pour le transfert d'énergie sans fil par rayonnement radiofréquence (IEC 62980:2022)

Parasitäres Kommunikationsprotokoll für drahtlose Hochfrequenz-Leistungsübertragung (IEC 62980:2022)

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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

European foreword

The text of document 100/3797/FDIS, future edition 1 of IEC 62980, prepared by IEC/TC 100 "Audio, video and multimedia systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62980:2022.

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) 2023-08-02
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2025-11-02

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Endorsement notice

The text of the International Standard IEC 62980:2022 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.cenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 63006	2019	Wireless power transfer (WPT) - Glossary of terms	EN IEC 63006	2019
IEC/TR 63239	2020	Radio frequency beam wireless power transfer (WPT) for mobile devices	-	-

IEC 62980

Edition 1.0 2022-09

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Parasitic communication protocol for radio-frequency wireless power transmission

Protocole de communication parasite pour le transfert d'énergie sans fil par rayonnement radiofréquence

INTERNATIONAL ELECTROTECHNICAL COMMISSION

COMMISSION ELECTROTECHNIQUE INTERNATIONALE

ICS 29.240.99

ISBN 978-2-8322-5700-5

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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PARASITIC COMMUNICATION PROTOCOL FOR RADIO-FREQUENCY WIRELESS POWER TRANSMISSION

FOREWORD

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IEC 62980 has been prepared by technical area 15: Wireless power transfer, of IEC technical committee 100: Audio, video and multimedia systems and equipment. It is an International Standard.

The text of this International Standard is based on the following documents:

Draft	Report on voting
100/3797/FDIS	100/3818/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

INTRODUCTION

This document provides a parasitic backscatter communication protocol for battery-free internet-of-things (IoT) devices and sensors for radio-frequency (RF) wireless power transmission (WPT) without additional infrastructure.