



**SLOVENSKI STANDARD
SIST EN IEC 63281-1:2023**

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E-Prevozna sredstva - 1. del: Terminologija in razvrstitev (IEC 63281-1:2023)

E-Transporters - Part 1: Terminology and classification (IEC 63281-1:2023)

Elektrokleinstfahrzeuge – Allgemeine Anforderungen und Prüfverfahren (IEC 63281-1:2023)

E-Transporteurs de personnes - Partie 1: Exigences de sécurité et méthodes d'essai (IEC 63281-1:2023)

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en

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EN IEC 63281-1

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English Version

E-Transporters - Part 1: Terminology and classification (IEC 63281-1:2023)

E-Transporteurs - Partie 1: Terminologie et classification
(IEC 63281-1:2023)

Elektrokleinstfahrzeuge - Teil 1: Begriffe und Klassifizierung
(IEC 63281-1:2023)

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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

EN IEC 63281-1:2023 (E)**European foreword**

The text of document 125/81/FDIS, future edition 1 of IEC 63281-1, prepared by IEC/TC 125 "e-Transporters" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63281-1:2023.

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) 2024-05-21
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2026-08-21

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

**E-Transporters –
Part 1: Terminology and classification**

**E-Transporteurs –
Partie 1: Terminologie et classification**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

E-TRANSPORTERS –**Part 1: Terminology and classification**

FOREWORD

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IEC 63281-1 has been prepared by IEC technical committee 125: e-Transporters. It is an International Standard.

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

FDIS	Report on voting
125/81/FDIS	125/85/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.

A list of all parts in the IEC 63281 series, published under the general title *E-Transformers*, can be found on the IEC website.

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.

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INTRODUCTION

Standardization of "e-Transporters": electrically powered transport devices for use on public roads or in public spaces. These e-Transporters provide solutions for transporting either passengers or goods, or both.

These devices can:

- be manually controlled;
- have automated functions;
- be autonomous.

This document has been developed in response to an increased demand throughout the world for e-Transporters. The world market sizes and applications are expected to grow significantly. To date, e-Transporters have not had a complete and unified standard of classification. This has created challenges for engineers, producers, operators, and other actors in the field of e-Transporters. The development of a terminology and classification standard applicable to e-Transporters, will promote the standardization of e-Transporters, aid the progress of technology, improve product quality, and increase safety.

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E-TRANSPORTERS –

Part 1: Terminology and classification

1 Scope

This document specifies the terminology and classification of e-Transporters.

This document is applicable to "e-Transporters": electrically powered transport devices for use on public roads or in public spaces. These e-Transporters provide solutions for transporting either passengers or goods, or both. These devices can be manually controlled, have automated functions or be autonomous.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- IEC Electropedia: available at <https://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>

3.1

public space

place that is accessible to the public whether it is in the public domain or privately owned

Note 1 to entry: Examples are roads, cycle tracks, sidewalks, public squares, parks, stations, airports, hotels, hospitals, restaurants, etc.

3.2

e-Transporter

electrically powered transport device for use on public roads or in public spaces which provides solutions for transporting either passengers or goods, or both

Note 1 to entry: The device can be manually controlled, have automated functions, or be autonomous.

3.3

personal e-Transporter

PeT

e-Transporter that is primarily designed for transporting person(s)

3.4

cargo e-Transporter

CeT

e-Transporter that is primarily designed for transporting cargo or goods, or both