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Dataelementtyper för elkomponenter med tillhörande klassificeringsschema – Del 6: Kvalitetshandledning för IEC CDD

*Standard data element types with associated classification scheme for electric components –
Part 6: IEC Common Data Dictionary (IEC CDD) quality guidelines*

Som svensk standard gäller europastandarden EN 61360-6:2017. Den svenska standarden innehåller den officiella engelska språkversionen av EN 61360-6:2017.

Nationellt förord

Europastandarden EN 61360-6:2017

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- **IEC 61360-6, First edition, 2016 - Standard data element types with associated classification scheme for electric components - Part 6: IEC Common Data Dictionary (IEC CDD) quality guidelines**

utarbetad inom International Electrotechnical Commission, IEC.

ICS 01.110.00; 31.020.00

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English Version

Standard data element types with associated classification
scheme for electric components - Part 6: IEC Common Data
Dictionary (IEC CDD) quality guidelines
(IEC 61360-6:2016)

Types normalisés d'éléments de données avec plan de
classification pour composants électriques -
Partie 6: Dictionnaire de données communes de l'IEC
(IEC CDD) - Lignes directrices pour la qualité
(IEC 61360-6:2016)

Genormte Datenelementtypen mit Klassifikationsschema für
elektrische Betriebsmittel - Teil 6: Gemeinsames IEC-
Datenbeschreibungsverzeichnis (IEC CDD):
Qualitätsleitfaden
(IEC 61360-6:2016)

This European Standard was approved by CENELEC on 2016-11-08. 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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

European foreword

The text of document 3D/279/FDIS, future edition 1 of IEC 61360-6, prepared by SC 3D "Product properties and classes and their identification", of IEC/TC 3 " Information structures and elements, identification and marking principles, documentation and graphical symbols" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61360-6:2017.

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) 2017-08-08
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2019-11-08

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Endorsement notice

The text of the International Standard IEC 61360-6:2016 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, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When 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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61360-1	-	Standard data elements types with associated classification scheme for electric items - Part 1: Definitions - Principles and methods	EN 61360-1	-
IEC 61360-2	2012	Standard data element types with associated classification scheme for electric components - Part 2: EXPRESS dictionary schema	EN 61360-2	2013
IEC 62656-1	-	Standardized product ontology register and transfer by spreadsheets - Part 1: Logical structure for data parcels	EN 62656-1	-
IEC/TS 62656-2	2013	Standardized product ontology register and transfer by spreadsheets - Part 2: Application guide for use with the IEC common data dictionary (CDD)	-	-
ISO 704	2009	Terminology work - Principles and methods	-	-

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**STANDARD DATA ELEMENT TYPES WITH
ASSOCIATED CLASSIFICATION SCHEME FOR
ELECTRIC COMPONENTS –**

Part 6: IEC Common Data Dictionary (IEC CDD) quality guidelines

FOREWORD

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International Standard IEC 61360-6 has been prepared by subcommittee 3D: Product properties and classes and their identification, of IEC technical committee 3: Information structures and elements, identification and marking principles, documentation and graphical symbols.

The text of this standard is based on the following documents:

FDIS	Report on voting
3D/279/FDIS	3D/283/RVD

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 61360 series, published under the general title *Standard data element types with associated classification scheme for electric components*, can be found on the IEC website.

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

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

IMPORTANT – The 'colour inside' logo on the cover page of this publication indicates that it contains colours which are considered to be useful for the correct understanding of its contents. Users should therefore print this document using a colour printer.

INTRODUCTION

The use of product data is an essential part of electronic business. Product selection, business transactions, maintenance procedures, etc., rely on the availability of data about products and services. To ensure a common understanding and a general treatment of product data, classification and dictionary systems are used to define their essential technical parameters or to categorize products.

The standards of the series IEC 61360 specify rules for structure and content of collections of product properties and its classification structures. In most cases the classes and properties contained in such collections are intuitively understandable. But, unfortunately, creating the information objects and their textual content, such as definitions, has proved to be a demanding task with potential pitfalls and problems. For avoiding such difficulties explanatory material and sections of other standards are collected in this part of IEC 61360 providing the necessary knowledge for successfully creating classes and properties. Thus, IEC 61360-6 provides guidance for specifying the information content of IEC 61360 classes and properties.

This part of IEC 61360 is intended for domain specialists who are technical experts in their specific technical domain. The domain specialists do not necessarily have an in-depth knowledge of IEC 61360-1 or IEC 61360-2.

STANDARD DATA ELEMENT TYPES WITH ASSOCIATED CLASSIFICATION SCHEME FOR ELECTRIC COMPONENTS –

Part 6: IEC Common Data Dictionary (IEC CDD) quality guidelines

1 Scope

This part of IEC 61360 provides guidance for the definition of concepts that are used to describe classes and properties submitted for update of the content of IEC Common Data Dictionary (IEC CDD). This includes

- a basic understanding of key concepts and procedures used within IEC CDD;
- a binding reference for quality control of IEC 61360 compliant dictionary content;
- guidance on documents where necessary in-depth knowledge can be acquired (see Clause 2 and Annex D).

This part of IEC 61360 includes the following subjects:

- basic overview about fundamental concepts of IEC 61360;
- formulating definitions and other textual elements;
- overview of IEC maintenance procedure for IEC CDD;
- checklist for providing input to the IEC CDD content.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 61360-1, *Standard data element types with associated classification scheme for electric components – Part 1: Definitions – Principles and methods*

IEC 61360-2:2012, *Standard data element types with associated classification scheme for electric components – Part 2: EXPRESS dictionary schema*

IEC 62656-1, *Standardized product ontology register and transfer by spreadsheets – Part 1: Logical structure for data parcels*

IEC TS 62656-2:2013, *Standardized product ontology register and transfer by spreadsheets – Part 2: Application guide for use with the IEC common data dictionary (CDD)*

ISO 704:2009, *Terminology work – Principles and methods*