



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 17564.6-2021

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

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part 1. Structure and Drafting Rules of Standardization Documents"

Drafting.

This document is Part 6 of GB/T 17564 "Standard Data Element Types and Related Classification Models of Electrical Components".

GB/T 17564 has released the following parts.

- Part 1. Defining principles and methods;
- Part 2. EXPRESS dictionary mode;
- Part 3. Maintenance and confirmation procedures;
- Part 4. IEC standard data element type and component category benchmark set;
- Part 6. IEC Common Data Dictionary (IEC CDD) Quality Guidelines.

The translation method used in this document is equivalent to IEC 61360-6:2016 Standard Data Element Types and Related Classification Models for Electrical Components

Part 6. IEC Common Data Dictionary (IEC CDD) Quality Guidelines.

The Chinese documents that have consistent correspondence with the normatively cited

international documents in this document are as follows.

---GB/T 17564.1-2011 Standard data element types and related classification modes of electrical items Part 1.Definitions

Rules and methods (IEC 61360-1.2009, IDT)

Introduction

The application of product data is an important part of the electronic field. Product selection, business transactions, maintenance procedures, etc. depend on products and services

Related data. In order to ensure the correct understanding of product data and regular processing, the data is usually classified or dictionary system

To define the basic technical parameters of the product.

GB/T 17564 refines the rules of the structure, content and classification mode of the product feature set, which is intended to be composed of 5 parts.

---Part 1.Defining principles and methods. The purpose is to clearly and unambiguously define the standard data element types of electrical components

And related classification modes.

---Part 2.EXPRESS dictionary mode. The purpose is to specify the formal model of data expression in order to calculate this type of data

Machine-recognizable expression and exchange provide means.

---Part 3.Maintenance and confirmation procedures. The purpose is to specify the procedures for the verification and maintenance of the benchmark set. the verification procedure is to define the

Requirements for new data element types, changes to existing data element types, or deletion of data element types in this benchmark set

Confirmation; the maintenance program is to generate and change the benchmark set so that it can be used effectively in a suitable format.

---Part 4.IEC standard data element type and component category benchmark set. The purpose is to provide a uniquely identified data element class

Type and component category benchmark set, used to accurately and unambiguously define the data element type and component category and make the entire benchmark set

Manageable.

---Part 6.IEC Common Data Dictionary (IEC CDD) Quality Guidelines. The purpose is to

provide IEC public data dictionary (IEC

CDD) concept definition guide, these concepts are used to describe the IEC Common Data Dictionary (IEC CDD) for the updated version of the content

Submitted classes and characteristics.

Part 5.EXPRESS dictionary mode expansion has been abolished. The purpose of this part is to define

Some concepts not involved in the specified information model. Part 2 has already included the content of Part 5 after the version update, so Part 5

Partially repealed.

Generally, the product category and characteristic data contained in such sets are intuitive and easy to understand, but it is important to create information objects and their text content (such as definitions).

For very demanding tasks, there are potential defects and problems. In order to avoid such problems, this document collects relevant explanatory materials and other standards

The relevant chapters of, provide the necessary knowledge for the successful creation of the categories and characteristics of electronic products. Therefore, this document is specified by GB/T 17564

Classes and attributes provide guidelines for the content of the information.

This document is applicable to experts in specific professional technical fields. Domain experts do not need to have knowledge of GB/T 17564.1 or GB/T 17564.2

understand deeper.

Standard data element types of electrical components and

Related Classification Model Part 6.

IEC Common Data Dictionary (IEC CDD) Quality Guidelines

1 Scope

This document provides guidance on the definition of IEC Common Data Dictionary (IEC CDD) concepts, which are used to describe the updated dictionary version

The class and characteristics of the content submitted. This includes.

---Basic understanding of key concepts and procedures used in IEC CDD;

---Restrictive references to control the quality of dictionary data content;

---An in-depth guide to dictionary-related documents is available (see Chapter 2 and