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CDD database - Circuit-breakers and similar equipment for household use

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 08/26

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 63508

May 2026

ICS 29.020; 29.120.50

English Version

**CDD database - Circuit-breakers and similar equipment for
household use
(IEC 63508:2026)**

Base de données CDD - Disjoncteurs et appareillage
similaire pour usage domestique
(IEC 63508:2026)

CDD-Datenbank - Leitungsschutzschalter und ähnliche
Geräte für den Hausgebrauch
(IEC 63508:2026)

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

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EN IEC 63508:2026 (E)**European foreword**

The text of document 23E/1414/FDIS, future edition 1 of IEC 63508, prepared by SC 23E "Circuit-breakers and similar equipment for household use" of IEC/TC 23 "Electrical accessories" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63508:2026.

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IEC 60529:1989	NOTE	Approved as EN 60529:1991 (not modified)
IEC 60715:2017	NOTE	Approved as EN 60715:2017 (not modified)
IEC 60898-1:2015	NOTE	Approved as EN 60898-1:2019 +A11:2024
IEC 60898-1:2015/AMD1:2019	NOTE	Approved as EN 60898-1:2019/A1:2024 (not modified)
IEC 60947-2:2024	NOTE	Approved as EN IEC 60947-2:2025 (not modified)
IEC 61360-1:2017	NOTE	Approved as EN 61360-1:2017 (not modified)
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INTERNATIONAL STANDARD

CDD database - Circuit-breakers and similar equipment for household use

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CDD database - Circuit-breakers and similar equipment for household use**FOREWORD**

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IEC 63508 has been prepared by subcommittee 23E: Circuit-breakers and similar equipment for household use, of IEC technical committee 23: Electrical accessories. It is an International Standard.

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

Draft	Report on voting
23E/1414/FDIS	23E/1418/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.

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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, or
- revised.

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INTRODUCTION

The growing use of protection devices (e.g. miniature circuit-breakers as defined in IEC 60898-1), and the need to move toward more digital tools and processes rely on the description of such devices being made available in the most adequate digital format.

To serve as a reference in this effort of standardisation, the IEC provides a support for gathering all contributions for device descriptions under the IEC Common Data Dictionary (IEC CDD).

Such work at IEC level aims to provide unambiguous semantics for the protection devices, which is consistent with its product standard, and made available for use on the market by the various stakeholders.

The intended benefits of this document are to:

- reduce the costs and efforts in mapping data for each customer request;
- optimize the workflow of B2B exchanges;
- minimize duplication of articles in customer inventories and in databases;
- minimize losses and misinterpretation of data during exchanges;
- facilitate the selection of a product, especially regarding reliability and safety;
- give access to product data everywhere regardless of country, language and culture;
- provide product data related to environmental aspects such as environmental declaration;
- contribute to the fast growth of e-business by simplifying the development of:
 - e-catalogue allowing the differentiation of products performances, certificates, etc.;
 - e-commerce: use of electronic networks to exchange information, products, services and payments for commercial and communication purposes between individuals (consumers) and businesses, and between businesses themselves;
- enable new e-business models

The output of this document is a reference dictionary for protection devices for use in e-commerce, in software, and in any application for product selection.

1 Scope

The purpose of this document is to describe product classes and properties, representing the miniature circuit-breaker (MCB), to become a part of the IEC 61360-4: IEC Common Data Dictionary (IEC CDD). It includes data required for product selection as well as data required for engineering.

This document intends, as a contribution to the IEC Common Data Dictionary, to be used by catalogue consortia, other database standards and software as a data reference for circuit-breakers and similar equipment for household use.

NOTE In the future, it is intended to extend the IEC 63508 DB to other types of products e.g. arc fault detection devices (AFDDs), residual current circuit breakers (RCCBs), residual circuit breaker with overcurrent protection (RCBOs).

2 Normative references

There are no normative references in this document.

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