
Splošne zahteve za obločne detektorje (IEC 62606:2013/AMD2:2022 + COR1:2023)

General requirements for arc fault detection devices (IEC 62606:2013/AMD2:2022 + COR1:2023)

Allgemeine Anforderungen an FehlerlichtbogenSchutzeinrichtungen (IEC 62606:2013/AMD2:2022 + COR1:2023)

Exigences générales des dispositifs pour la détection de défaut d'arcs (IEC 62606:2013/AMD2:2022 + COR1:2023)

Ta slovenski standard je istoveten z: EN 62606:2013/A2:2026

ICS:

29.120.50	Varovalke in druga nadtokovna zaščita	Fuses and other overcurrent protection devices
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SIST EN 62606:2014/A2:2026**en,fr,de**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 62606:2013/A2

May 2026

ICS 29.120.01; 29.120.50

English Version

**General requirements for arc fault detection devices
(IEC 62606:2013/AMD2:2022 + COR1:2023)**

Exigences générales des dispositifs pour la détection de
défaut d'arcs
(IEC 62606:2013/AMD2:2022 + COR1:2023)

Allgemeine Anforderungen an Fehlerlichtbogen-
Schutzeinrichtungen
(IEC 62606:2013/AMD2:2022 + COR1:2023)

This amendment A2 modifies the European Standard EN 62606:2013; it was approved by CENELEC on 2026-02-25. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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.

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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

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Ref. No. EN 62606:2013/A2:2026 E

EN 62606:2013/A2:2026 (E)

European foreword

The text of document 23E/1267/FDIS, future edition 1 of IEC 62606/AMD2:2022 + COR1:2023, 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 62606:2013/A2:2026.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2027-05-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2029-05-31 document have to be withdrawn

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Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

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Endorsement notice

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The text of the International Standard IEC 62606:2013/AMD2:2022 + COR1:2023 was approved by CENELEC as a European Standard without any modification.



IEC 62606

Edition 1.0 2022-11

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 2
AMENDEMENT 2

General requirements for arc fault detection and protection devices (AFDDs)

Exigences générales des dispositifs pour la détection et la protection de défaut d'arcs (DPDA)

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PROTECTION DEVICES (AFDDs)****AMENDMENT 2****FOREWORD**

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Amendment 2 to IEC 62606:2013 has been prepared by subcommittee 23E: Circuit-breakers and similar equipment for household use, of IEC technical committee 23: Electrical accessories.

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

Draft	Report on voting
23E/1267/FDIS	23E/1304/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 Amendment 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

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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.

The contents of the corrigendum 1 (2023-03) have been included in this copy.

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GENERAL REQUIREMENTS FOR ARC FAULT DETECTION DEVICES

Replace the existing title of this document with the following new title:

GENERAL REQUIREMENTS FOR ARC FAULT DETECTION AND PROTECTION DEVICES (AFDDs)

INTRODUCTION

Replace the last paragraph of the Introduction with the following new text:

This document covers devices designed to be installed in a distribution board at the origin of one final circuit of a fixed installation.

1 Scope

Replace the text of the existing second dash of the second paragraph of the Scope with the following new text:

- as a single device, with arc fault detection integrated in or assembled by manufacturer to a protective device; or

Add, in the second sentence of the last paragraph, after "pollution degree 2", "and overvoltage category III".

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2 Normative references

Replace the following existing references with the following new references:

IEC 60898-1:2015, *Electrical accessories – Circuit-breakers for overcurrent protection for household and similar installations – Part 1: Circuit-breakers for a.c. operation*
IEC 60898-1:2015/AMD1:2019

IEC 61008-1:2010, *Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs) – Part 1: General rules*
IEC 61008-1:2010/AMD1:2012
IEC 61008-1:2010/AMD2:2013

IEC 61009-1:2010, *Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) – Part 1: General rules*
IEC 61009-1:2010/AMD1:2012
IEC 61009-1:2010/AMD2:2013

IEC 61543: —¹, *Residual current-operated protective devices (RCDs) for household and similar use – Electromagnetic compatibility*

¹ Under preparation. Stage at the time of publication: IEC/RFDIS 61543:2022.

IEC 62606:2013/AMD2:2022

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CISPR 14-1:2020, *Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 1: Emission*

Add the following new references:

IEC 61000-4-2, *Electromagnetic compatibility (EMC) – Part 4-2: Testing and measurement techniques – Electrostatic discharge immunity test*

IEC 61000-4-3, *Electromagnetic compatibility (EMC) – Part 4-3 : Testing and measurement techniques – Radiated, radio-frequency, electromagnetic field immunity test*

IEC 61000-4-4, *Electromagnetic compatibility (EMC) – Part 4-4: Testing and measurement techniques – Electrical fast transient/burst immunity test*

IEC 61000-4-5:2014, *Electromagnetic compatibility (EMC) – Part 4-5: Testing and measurement techniques – Surge immunity test*
IEC 61000-4-5:2014/AMD1:2017

IEC 61000-4-6, *Electromagnetic compatibility (EMC) – Part 4-6: Testing and measurement techniques – Immunity to conducted disturbances, induced by radio-frequency fields*

IEC 61000-4-8, *Electromagnetic compatibility (EMC) – Part 4-8: Testing and measurement techniques – Power frequency magnetic field immunity test*

IEC 61000-4-11, *Electromagnetic compatibility (EMC) – Part 4-11: Testing and measurement techniques – Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 A per phase*

IEC 61000-4-16:2015, *Electromagnetic compatibility (EMC) – Part 4-16: Testing and measurement techniques – Test for immunity to conducted, common mode disturbances in the frequency range 0 Hz to 150 kHz*

IEC 62873-2, *Residual current operated circuit-breakers for household and similar use – Part 2: Residual current devices (RCDs) – Vocabulary*

Remove the existing reference to IEC/TR 60755, General requirements for residual current operated protective devices

3 Terms and definitions

Replace the first sentence of Clause 3 with the following new text:

For the purposes of this document, the terms and definitions given in IEC 62873-2 and the following apply.

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

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