
Splošne zahteve za obločne detektorje

General requirements for arc fault detection devices

Allgemeine Anforderungen an Fehlerlichtbogen-Schutzeinrichtungen

Exigences générales des dispositifs pour la détection de défaut d'arcs

Ta slovenski standard je istoveten z: EN 62606:2013/A11:2026**ICS:**

29.120.50	Varovalke in druga nadtokovna zaščita	Fuses and other overcurrent protection devices
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EUROPEAN STANDARD
NORME EUROPÉENNE
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EN 62606:2013/A11

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ICS 29.120.01; 29.120.50

English Version

General requirements for arc fault detection devices

Exigences générales des dispositifs pour la détection de défaut d'arcs

Allgemeine Anforderungen an Fehlerlichtbogen-Schutzeinrichtungen

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
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EN 62606:2013/A11:2026 (E)**European foreword**

This document (EN 62606:2013/A11:2026) has been prepared by CLC/TC 23E "Circuit breakers and similar devices for household and similar applications".

The following dates are fixed:

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- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2029-05-31

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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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1 Modifications to Clause 1, "Scope"

Add after the Title "Scope":

"Replace in the first paragraph, modified by Amendment 1, "with rated frequencies of 50 Hz, 60 Hz or 50/60 Hz" with "with rated frequencies of 50 Hz"."

Add, before the last paragraph:

"Delete in the tenth paragraph, at the end of second dash "or 60 Hz""

Add at the end:

"Renumber Note 5, introduced by Amendment 1, to Note 4."

2 Modifications to Clause 4, "Classification"

Add the following:

"4.3 According to the number of poles and current paths

Delete Note 1.

4.4 AFDD providing monitoring information

Replace the title of subclause "4.4" with "Void".

Delete the content of subclause 4.4."

3 Modifications to Clause 5, "Characteristics of AFDDs"

Below the title "5 Characteristics of AFDDs", add the following:

"5.3 Standard and preferred values

5.3.1 Preferred values of rated voltage (U_n)

Delete the first row "Single-pole (with two current paths)" from Table 22.

Delete the last column for "Rated voltage of AFDDs for use in systems 120/240 V or 240V" from Table 22.

Delete Note 3 and Note 4 of Table 22.

Delete the Note after Table 22."

4 Modification to 5.4, "Standard values of rated impulse withstand voltage (U_{imp})"

Below the title "5.4 Standard values of rated impulse withstand voltage (U_{imp})" add the following:

"In Table 4, delete the line with $U_{imp}=2,5kV$ and delete the 3rd column.

Reword footnote ^a of Table 4 as follows:

^a The value 5 kV is used for verifying the isolating distances across open contacts at the altitude of 2 000 m (see Table 16).

Delete footnotes b and c of Table 4."

5 Modification to Clause 6, "Marking and other product information"

Below the title "6 Marking and other product information", add the following:

"In Table 5, replace the second column of item d with:

"rated frequency"."