



SLOVENSKI STANDARD
SIST EN IEC 61936-1:2021/oprAA:2024
01-marec-2024

Elektroenergetski postroji za izmenične napetosti nad 1 kV in enosmerne napetosti nad 1,5 kV - 1. del: Izmenična napetost

Power installations exceeding 1 kV AC and 1,5 kV DC - Part 1: AC

Starkstromanlagen mit Nennwechselspannungen über 1 kV AC und 1,5 kV DC - Teil 1: Wechselstrom

Installations électriques de puissance de tension supérieure à 1 kV en courant alternatif et 1,5 kV en courant continu - Partie 1: Courant alternatif

Ta slovenski standard je istoveten z: EN IEC 61936-1:2021/prAA:2024

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ICS:

| | | |
|-----------|--|---|
| 29.240.01 | Omrežja za prenos in distribucijo električne energije na splošno | Power transmission and distribution networks in general |
|-----------|--|---|

SIST EN IEC 61936-1:2021/oprAA:2024 en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
EN IEC 61936-1:2021

prAA

February 2024

ICS 29.080.01; 29.020

English Version

Power installations exceeding 1 kV AC and 1,5 kV DC - Part 1: AC

Installations électriques de puissance de tension supérieure
à 1 kV en courant alternatif et 1,5 kV en courant continu -
Partie 1: Courant alternatif

Starkstromanlagen mit Nennwechselspannungen über 1 kV
AC und 1,5 kV DC - Teil 1: Wechselstrom

This draft amendment prAA, if approved, will modify the European Standard EN IEC 61936-1:2021; it is submitted to CENELEC members for enquiry.

Deadline for CENELEC: 2024-04-26.

It has been drawn up by CLC/TC 99X.

If this draft becomes an amendment, 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.

This draft amendment was established by CENELEC 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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.



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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16 European foreword

17 This document (EN IEC 61936-1:2021/prAA:2024) has been prepared by CLC/TC 99X "Power installations
18 exceeding 1 kV a.c. (1,5 kV d.c.)".

19 This document is currently submitted to the Formal Vote.

20 The following dates are proposed:

- latest date by which the existence of this document has to be announced at national level (doa) dor + 6 months
- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) dor + 12 months
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) dor + 36 months (to be confirmed or modified when voting)

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EN IEC 61936-1:2021/prAA:2024 (E)

21 **1 Modification to Clause 2, “Normative references”**22 EN 50522, *Earthing of power installations exceeding 1 kV a.c.*23 **2 Modification to Clause 3, “Terms and definitions”**24 *Add the following note:*

25 “

26 NOTE Additional definition of danger zone (D_L) is given in EN 50110-1 and EN 50110-2.”27 **3 Modifications to Clause 4, “Fundamental requirements”**28 *In 4.2.7, replace the note with the following:*

29 “

30 NOTE Directive 2013/35/EU and its national implementations specify the acceptable limits of electromagnetic fields
31 during work.”32 *4.2.10, add:*

33 “

34 NOTE For more information consult EN 50160.”

35 *In 4.3.10, add:*

36 “

37 NOTE For more information consult EN 50341 and EN 50423.”

38 **4 Modifications to Clause 8, “Safety measures”**39 *In 8.8.2, replace “NOTE” with “NOTE 1”, and add:*

40 “

41 NOTE 2 See also Regulation (EU) No 517/2014 of the European Parliament and of the Council of 16 April 2014 on
42 fluorinated greenhouse gases and repealing.”43 **5 Modifications to Clause 10, “Earthing systems”**44 *In 10.1, add:*

45 “For CENELEC the requirements of EN 50522 shall be taken into account.”

46 *In 10.2.1, replace the third last paragraph with the following:*47 “*Details* for permissible touch voltages are given in EN 50522. Annex C shows the IEEE 80 curve which shall
48 not be used as an alternative to the curve in Figure 12. Annex C is only informative for CENELEC.”49 *In 10.3.1, add to the third last paragraph:*

50 “Annex D is informative for CENELEC.”

51 **6 Modification to Annex C, “Permissible touch voltage according IEEE 80”**52 *Replace the indication “normative” with “informative”.*