
Oprema za merjenje električne energije - 3. del: Posebne zahteve - Statični števci za izmenično delovno energijo (razredni indeksi A, B in C) - Dopolnilo A1

Electricity metering equipment - Part 3: Particular requirements - Static meters for AC active energy (class indexes A, B and C)

Elektrizitätszähler - Teil 3: Besondere Anforderungen - Elektronische Wechselstrom Wirkverbrauchsähler der Genauigkeitsklassen A, B und C

Equipement de comptage d'électricité - Partie 3: Exigences particulières - Compteurs statiques d'énergie active en courant alternatif (indices de classe A, B et C)

Ta slovenski standard je istoveten z: EN 50470-3:2022/prA1:2026

ICS:

17.220.20	Merjenje električnih in magnetnih veličin	Measurement of electrical and magnetic quantities
91.140.50	Sistemi za oskrbo z elektriko	Electricity supply systems

SIST EN 50470-3:2022/oprA1:2026 **en**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
EN 50470-3:2022

prA1

July 2026

ICS 91.140.50

English Version

Electricity metering equipment - Part 3: Particular requirements - Static meters for AC active energy (class indexes A, B and C)

Équipement de comptage d'électricité - Partie 3: Exigences
particulières - Compteurs statiques d'énergie active en
courant alternatif (indices de classe A, B et C)

Elektrizitätszähler - Teil 3: Besondere Anforderungen -
Elektronische Wechselstrom Wirkverbrauchszähler der
Genauigkeitsklassen A, B und C

This draft amendment prA1, if approved, will modify the European Standard EN 50470-3:2022; it is submitted to CENELEC members for enquiry.

Deadline for CENELEC: 2026-10-09.

It has been drawn up by CLC/TC 13.

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.

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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.

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

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European foreword

This document (EN 50470-3:2022/prA1:2026) has been prepared by CLC/TC 13 “Electrical energy measurement and control”.

This document is currently submitted to the Enquiry.

The following dates are proposed:

- latest date by which the existence of this document has to be announced at national level (doa) dav + 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) dav + 12 months
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) dav + 36 months (to be confirmed or modified when voting)

This document amends EN 50470-3:2022.

EN 50470-3:2022/prA1:2026 includes the following significant technical modifications with respect to EN 50470-3:2022:

- link to prEN IEC 62052-11:2021/prAC:2026
- adaptation of Table 9 with additional waveforms to ensure immunity against severe current transients.

This document has been prepared under a standardization request addressed to CENELEC by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

For the relationship with EU Legislation, see informative Annex ZZ, which is an integral part of this document.