

STN	Zariadenia na meranie elektrickej energie (striedavého prúdu) Časť 1: Všeobecné požiadavky, skúšky a skúšobné podmienky Meracie zariadenia (triedy A, B a C) Zmena A1	STN EN 50470-1/A1 35 6134
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Electricity metering equipment (a.c.). Part 1: General requirements, tests and test conditions. Metering equipment (class indexes A, B and C)

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. 04/19

STN EN 50470-1 z júna 2008 sa bez zmeny A1 môže používať do 27. 8. 2021.

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EUROPEAN STANDARD

EN 50470-1:2006/A1

NORME EUROPÉENNE

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English Version

Electricity metering equipment (a.c.) - Part 1: General requirements, tests and test conditions - Metering equipment (class indexes A, B and C)

Équipement de comptage d'électricité (c.a.) - Partie 1:
Prescriptions générales, essais et conditions d'essai -
Équipement de comptage (classes de précision A, B et C)

Wechselstrom-Elektrizitätszähler - Teil 1: Allgemeine
Anforderungen, Prüfungen und Prüfbedingungen -
Messeinrichtungen (Genauigkeitsklassen A, B und C)

This amendment A1 modifies the European Standard EN 50470-1:2006; it was approved by CENELEC on 2018-08-27. 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.

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

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European foreword

This document (EN 50470-1:2006/A1:2018) has been prepared by CLC/TC 13 “Electrical energy measurement and control”.

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) 2019-08-27
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2021-08-27

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with EU Directive(s) see informative Annex ZZA and Annex ZZB, which are integral parts of this document.

EN 50470-1:2006/A1:2018 (E)

Introduction

The purpose of this amendment is to identify and remove all safety related requirements and tests of EN 50470-1:2006 that are replaced and extended by the complete set of requirements and tests in EN 62052-31:2016.

1 Modifications to the Scope

At the end of the clause, add the following:

"The safety aspect is covered by EN 62052-31:2016."

2 Modifications to Clause 2, Normative references

Add the following standard:

"EN 62052-31:2016, *Electricity metering equipment (AC) – General requirements, tests and test conditions – Part 31: Product safety requirements and tests (IEC 62052-31:2015)*

EN 55032:2015, *Electromagnetic Compatibility Of Multimedia Equipment - Emission Requirements*

EN 62058-11:2010, *Electricity metering equipment (AC) – Acceptance inspection – Part 11: General acceptance inspection methods (IEC 62058-11:2008)*"

Remove the following standards:

"EN 60068-2-75:1997, *Environmental testing – Part 2-75: Tests – Test Eh: Hammer tests (IEC 60068-2-75:1997)*

EN 60085:2004, *Electrical insulation – Thermal classification (IEC 60085:2004)*

EN 60529:1991, + A1:2000, *Degrees of protection provided by enclosures (IP Code) (IEC 60529:1989 + A1:1999)*

EN 60695-2-10:2001, *Fire hazard testing – Part 2-10: Glowing/hot-wire based test methods – Glow-wire apparatus and common test procedure (IEC 60695-2-10:2000)*

EN 60695-2-11:2001, *Fire hazard testing – Part 2-11: Glowing/hot-wire based test methods – Glow-wire flammability test method for end-products (IEC 60695-2-11:2000)*

EN ISO 75-2:1996, *Plastics – Determination of temperature of deflection under load – Part 2: Plastic and ebonite (ISO 75-2:1993)*

HD 588.1 S1:1991, *High-voltage test techniques – Part 1: General definitions and test requirements (IEC 60060-1:1989 + corrigendum Mar. 1990)*

EN 55022:2006, *Information technology equipment – Radio disturbance characteristics – Limits and methods of measurement (CISPR 22:2005, mod.)"*

Update the reference to these standards:

"EN 61000-4-2:2009, Electromagnetic compatibility (EMC) – Part 4-2: Testing and measurement techniques – Electrostatic discharge immunity test (IEC 61000-4-2:2008)

EN 61000-4-3:2006, +A1:2008 +A2:2010, Electromagnetic compatibility (EMC) – Part 4-3: Testing and measurement techniques – Radiated, radio-frequency, electromagnetic field immunity test

EN 61000-4-4:2012, Electromagnetic compatibility (EMC) – Part 4-4: Testing and measurement techniques – Electrical fast transient/burst immunity test (IEC 61000-4-4:2012)

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

EN 61000-4-6:2014, Electromagnetic compatibility (EMC) – Part 4-6: Testing and measurement techniques – Immunity to conducted disturbances induced by radio-frequency fields (IEC 61000-4-6:2013)

EN 61000-4-8:2010, Electromagnetic compatibility (EMC) – Part 4-8: Testing and measurement techniques – Power frequency magnetic field immunity (IEC 61000-4-8:2009)

EN 61000-4-12:2006, Electromagnetic compatibility (EMC) – Part 4-12: Testing and measurement techniques – Oscillatory waves immunity test (IEC 61000-4-12:2006)"

koniec náhľadu – text ďalej pokračuje v platenej verzii STN