
Oprema za merjenje električne energije (izmenični tok) - Splošne zahteve, preskusi in preskuševalni pogoji - 11. del: Merilna oprema - Dopolnilo A1

Electricity metering equipment (AC) - General requirements, tests and test conditions - Part 11: Metering equipment

Wechselstrom-Elektrizitätszähler - Allgemeine Anforderungen, Prüfungen und Prüfbedingungen - Teil 11: Messeinrichtungen

Équipement de comptage de l'électricité (CA) - Prescriptions générales, essais et conditions d'essai - Partie 11 : équipement de comptage

<https://standards.iteh.ai/catalog/standards/sist/a9a15e44-e2fd-4cc5-af56-1f5d8c481a1/sist-en-62052-11-2004-a1-2017>

Ta slovenski standard je istoveten z: EN 62052-11:2003/A1:2017

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 62052-11:2004/A1:2017 **en**

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EUROPEAN STANDARD

EN 62052-11:2003/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2017

ICS 17.220.20

English Version

Electricity metering equipment (AC) -
General requirements, tests and test conditions -
Part 11: Metering equipment
(IEC 62052-11:2003/A1:2016)

Équipement de comptage de l'électricité (CA) -
Prescriptions générales, essais et conditions d'essai -
Partie 11: Equipement de comptage
(IEC 62052-11:2003/A1:2016)

Wechselstrom-Elektrizitätszähler - Allgemeine
Anforderungen, Prüfungen und Prüfbedingungen -
Teil 11: Messeinrichtungen
(IEC 62052-11:2003/A1:2016)

This amendment A1 modifies the European Standard EN 62052-11:2003; it was approved by CENELEC on 2016-12-27. 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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 62052-11:2003/A1:2017**European foreword**

The text of document 13/1700/FDIS, future IEC 62052-11:2003/A1, prepared by IEC/TC 13 "Electrical energy measurement and control" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62052-11:2003/A1:2017.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2017-09-30
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2020-03-31

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

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Endorsement notice

The text of the International Standard IEC 62052-11:2003/A1:2016 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated :

IEC 62058-11 NOTE Harmonized as EN 62058-11.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
Add to Annex ZA of EN 62053-11:2003 the following new reference:				
IEC 62052-31	2015	Electricity metering equipment (AC) - General requirements, tests and test conditions - Part 31: Product safety requirements and tests	EN 62052-31	2016
In Annex ZA of EN 62053-11:2003 delete the following references:				
IEC 60060-1 + corr. March	1989 1990	High-voltage test techniques Part 1: General definitions and test requirements	HD 588.1 S1	1991
IEC 60068-2-75	1997	Environmental testing Part 2-75: Tests - Test Eh: Hammer tests	EN 60068-2-75	1997
IEC 60085	1984	Thermal evaluation and classification of electrical insulation	HD 566 S1	1990
IEC 60529	1989	Degrees of protection provided by enclosures (IP Code)	EN 60529 + corr. May	1991 1993
A1	1999		A1	2000
IEC 60695-2-11	2000	Fire hazard testing Part 2-11: Glowing/hot-wire based test methods - Glow-wire flammability test method for end-products	EN 60695-2-11	2001
ISO 75-2	1993	Plastics - Determination of temperature of deflection under load - Part 2: Plastics and ebonite	EN ISO 75-2	1996

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<https://standards.iteh.ai/catalog/standards/sist/a9a15e44-e2fd-4cc5-af56-a1f5d8c481a1/sist-en-62052-11-2004-a1-2017>



IEC 62052-11

Edition 1.0 2016-11

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
AMENDEMENT 1

Electricity metering equipment (a.c.) – General requirements, tests and test conditions –
Part 11: Metering equipment

Equipement de comptage de l'électricité (c.a.) – Prescriptions générales, essais et conditions d'essai –
Partie 11: Equipement de comptage

INTERNATIONAL
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INTERNATIONALE

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FOREWORD

This amendment has been prepared by IEC technical committee 13: Electrical energy measurement and control.

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

FDIS	Report on voting
13/1700/FDIS	13/1714/RVD

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

NOTE The attention of National Committees is drawn to the fact that equipment manufacturers and testing organizations may need a transitional period following publication of a new, amended or revised IEC publication in which to make products in accordance with the new requirements and to equip themselves for conducting new or revised tests.

It is the recommendation of the committee that the content of this publication be adopted for implementation nationally not earlier than 2 years from the date of publication.

INTRODUCTION TO AMENDMENT 1

The purpose of this amendment is to identify and remove all safety related requirements and tests of IEC 62052-11:2003 that are replaced and extended by the complete set of requirements and tests in IEC 62052-31:2015.

Introduction

Add the following items to the list of standards:

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

IEC 62053-24:2014, *Electricity metering equipment (AC) – Particular requirements – Part 24: Static meters for reactive energy (classes 0,5 S, 1 S and 1)*

Add the following third item after the two existing dashed items:

- meters for use in networks equipped with or without earth fault neutralizers.

1 Scope

At the end of the clause, add the following:

The safety aspect is covered by IEC 62052-31:2015.

2 Normative references

Add the following standard:

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

Remove the following standards:

IEC 60060-1:1989, *High-voltage test techniques – Part 1: General definitions and test requirements*

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

IEC 60085:1984, *Thermal evaluation and classification of electrical insulation*

IEC 60529:1989, *Degrees of protection provided by enclosures (IP Code)*
Amendment 1:1999

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

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

Add the following note:

NOTE Some standards referenced in IEC 62052-11:2003 have been revised or replaced, but these changes will be considered in the full revision of this standard.

3 Terms and definitions

3.2 Definitions related to the functional elements

3.2.8 auxiliary circuit

Replace the existing definition by:

See IEC 62052-31:2015, 3.5.11.

3.3 Definitions of mechanical elements

3.3.1 indoor meter

Replace the existing definition by:

See IEC 62052-31:2015, 3.2.11.