
**Merjenje električne energije (a.c./izmenični tok) - Krmiljenje tarif in bremen - 21.
del: Posebne zahteve za časovna stikala - Dopolnilo A1**

Electricity metering (a.c.) - Tariff and load control - Part 21: Particular requirements for electronic ripple control receivers

Wechselstrom-Elektrizitätszähler - Tarif- und Laststeuerung - Teil 21: Besondere Anforderungen an Schaltuhren

Équipement de comptage de l'électricité (c.a.) - Tarification et contrôle de charge - Partie 21 : prescriptions particulières pour horloges de tarification

<https://standards.iteh.ai/catalog/standards/sist/306ecfd9-9d2c-4b46-bac9-fdd0a8d9efcf/sist-en-62054-21-2005-a1-2017>

Ta slovenski standard je istoveten z: EN 62054-21:2004/A1:2017

ICS:

91.140.50 Sistemi za oskrbo z elektriko Electricity supply systems

SIST EN 62054-21:2005/A1:2017 en

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[SIST EN 62054-21:2005/A1:2017](https://standards.iteh.ai/catalog/standards/sist/306ecfdf-9d2c-4b46-bac9-fdd0a8d9efcf/sist-en-62054-21-2005-a1-2017)

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EUROPEAN STANDARD

EN 62054-21:2004/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2017

ICS 91.140.50

English Version

**Electricity metering (AC) - Tariff and load control -
Part 21: Particular requirements for time switches
(IEC 62054-21:2004/A1:2017)**

Équipement de comptage d'électricité (C.A.) - Tarification et
contrôle de charge - Partie 21: Exigences particulières pour
les horloges de tarification
(IEC 62054-21:2004/A1:2017)

Wechselstrom-Elektrizitätszähler - Tarif- und Laststeuerung
- Teil 21: Besondere Anforderungen an Schaltuhren
(IEC 62054-21:2004/A1:2017)

This amendment A1 modifies the European Standard EN 62054-21:2004; it was approved by CENELEC on 2017-03-06. 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.

STANDARD PREVIEW
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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.

[SIST EN 62054-21:2005/A1:2017](https://standards.iteh.ai/catalog/standards/sist/306ecfdf-9d2c-4b46-bac9-62054-21-2005/a1-2017)

[https://standards.iteh.ai/catalog/standards/sist/306ecfdf-9d2c-4b46-bac9-](https://standards.iteh.ai/catalog/standards/sist/306ecfdf-9d2c-4b46-bac9-62054-21-2005/a1-2017)

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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 62054-21:2004/A1:2017**European foreword**

The text of document 13/1705A/FDIS, future IEC 62054-21:2004/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 62054-21:2004/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) 2017-12-06
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2020-03-06

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.

Endorsement notice

The text of the International Standard IEC 62054-21:2004/A1:2017 was approved by CENELEC as a European Standard without any modification.

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[SIST EN 62054-21:2005/A1:2017](https://standards.iteh.ai/catalog/standards/sist/306ecfdf-9d2c-4b46-bac9-fdd0a8d9efcf/sist-en-62054-21-2005-a1-2017)

<https://standards.iteh.ai/catalog/standards/sist/306ecfdf-9d2c-4b46-bac9-fdd0a8d9efcf/sist-en-62054-21-2005-a1-2017>

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>
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Add to Annex ZA of EN 62054-21:2004 the following new references:

IEC 62052-21	2004	Electricity metering equipment (AC) - General requirements, tests and test conditions - Part 21: Tariff and load control equipment	EN 62052-21	2004
+A1	2016		+A1	2017
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

<https://standards.iteh.ai/catalog/standards/sist/306ecfd9-9d2c-4b46-bac9-fdd0a8d9efcf/sist-en-62054-21-2005-a1-2017>

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<https://standards.iteh.ai/catalog/standards/sist/306ecfdf-9d2c-4b46-bac9-fdd0a8d9efcf/sist-en-62054-21-2005-a1-2017>



IEC 62054-21

Edition 1.0 2017-01

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
AMENDEMENT 1

Electricity metering (AC) – Tariff and load control –
Part 21: Particular requirements for time switches
(standards.iteh.ai)

Équipement de comptage d'électricité (C.A.) – Tarification et contrôle
de charge – <https://standards.iteh.ai/catalog/standards/sist/306ecfdf-9d2c-4b46-bac9-316c12a9e35a/iec-62054-21-095-001>
Partie 21: Exigences particulières pour les horloges de tarification

INTERNATIONAL
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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
13/1705A/FDIS	13/1728/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 website 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.

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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.

<https://standards.iteh.ai/catalog/standards/sist/306ecfdf-9d2c-4b46-bac9-61d0a8d9e0f8/sist-en-62054-21-2005-a1-2017>

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 62054-21:2004 that are replaced and extended by the complete set of requirements and tests in IEC 62052-31:2015.

Introduction

Delete the first sentence.

Add the following items to the list of standards:

IEC 62052-21:2004, *Electricity metering equipment (AC) – General requirements, tests and test conditions –Part 21: Tariff and load control equipment*
Amendment 1 (2016)

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