SLOVENSKI STANDARD
SIST EN IEC 62053-22:2021

01-junij-2021

Nadomešča:
SIST EN 62053-22:2004
SIST EN 62053-22:2004/A1:2017
SIST EN 62053-22:2004/A1:2017/AC:2018

Oprema za merjenje električne energije - Posebne zahteve - 22. del: Statični števci delovne energije (razredi 0,1 S, 0,2 S in 0,5 S)

Electricity metering equipment - Particular requirements - Part 22: Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)

Ta slovenski standard je istoveten z: **EN IEC 62053-22:2021**

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 IEC 62053-22:2021 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 62053-22

April 2021

ICS 17.220.20

Supersedes EN 62053-22:2003 and all of its amendments and corrigenda (if any)

English Version

Electricity metering equipment - Particular requirements - Part 22: Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S) (IEC 62053-22:2020)

Équipement de comptage de l'électricité - Exigences particulières - Partie 22: Compteurs statiques d'énergie active en courant alternatif (classes 0,1 S, 0,2 S et 0,5 S) (IEC 62053-22:2020)

Elektrizitätszähler - Besondere Anforderungen - Teil 22: Elektronische Wirkverbrauchszähler für Wechselstrom der Genauigkeitsklassen 0,1 S, 0,2 S und 0,5 S (IEC 62053-22:2020)

This European Standard was approved by CENELEC on 2020-07-22. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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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

European foreword

The text of document 13/1806A/FDIS, future edition 2 of IEC 62053-22, prepared by IEC/TC 13 "Electrical energy measurement and control" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62053-22:2021.

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) 2021-10-02
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-04-02

This document supersedes EN 62053-22:2003 and all of its amendments and corrigenda (if any).

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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 62053-22:2020 was approved by CENELEC as a European Standard without any modification.

Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where 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.

Publication	Year	Title	EN/HD	Year
IEC 62052-11	2020	Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment	EN IEC 62052-11	2021

IEC 62053-22

Edition 2.0 2020-06

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Electricity metering equipment – Particular requirements –
Part 22: Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)

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FOREWORD

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International Standard IEC 62053-22 has been prepared by IEC technical committee 13: Electrical energy measurement and control.

This second edition cancels and replaces the first edition published in 2003 and its amendment 1: 2016. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition: see Annex B.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
13/1806A/FDIS	13/1814/RVD

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

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 62053 series, published under the general title *Electricity metering equipment – Particular requirements*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "http://webstore.iec.ch" in the data related to the specific document. At this date, the document 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.