

SLOVENSKI STANDARD
SIST EN IEC 62053-24:2021**01-junij-2021****Nadomešča:****SIST EN 62053-24:2015****SIST EN 62053-24:2015/A1:2017****SIST EN 62053-24:2015/A1:2017/AC:2018**

Oprema za merjenje električne energije - Posebne zahteve - 24. del: Statični števci osnovne komponente jalove energije (razredi 0,5 S, 1 S in 1, 2 in 3)

Electricity metering equipment (a.c.) - Particular requirements - Part 24: Static meters for reactive energy at fundamental frequency (classes 0,5 S, 1 S, 1, 2 and 3)

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Ta slovenski standard je istoveten z: EN IEC 62053-24:2021

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

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EUROPEAN STANDARD

EN IEC 62053-24

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2021

ICS 17.220.20; 91.140.50

Supersedes EN 62053-24:2015 and all of its
amendments and corrigenda (if any)

English Version

**Electricity metering equipment - Particular requirements - Part
24: Static meters for fundamental component reactive energy
(classes 0,5S, 1S, 1, 2 and 3)
(IEC 62053-24:2020)**

Équipement de comptage de l'électricité - Exigences
particulières - Partie 24: Compteurs statiques d'énergie
réactive de composante fondamentale (classes 0,5S, 1S, 1,
2 et 3)
(IEC 62053-24:2020)

Elektrizitätszähler - Besondere Anforderungen - Teil 24:
Elektronische Grundschwingungs-Blindverbrauchszähler
der Genauigkeitsklassen 0,5 S, 1 S, 1, 2 und 3
(IEC 62053-24:2020)

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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

EN IEC 62053-24:2021 (E)**European foreword**

The text of document 13/1804/FDIS, future edition 2 of IEC 62053-24, 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 62053-24:2021.

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- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-04-02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 62053-24:2015 and all of its amendments and corrigenda (if any).

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The text of the International Standard IEC 62053-24:2020 was approved by CENELEC as a European Standard without any modification.

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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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60375	2018	Conventions concerning electric circuits	EN IEC 60375	2018
IEC 62052-11	2020	Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment	EN IEC 62052-11	2021

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IEC 62053-24

Edition 2.0 2020-06

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Electricity metering equipment – Particular requirements –
Part 24: Static meters for fundamental component reactive energy
(classes 0,5S, 1S, 1, 2 and 3)**

**Équipement de comptage de l'électricité – Exigences particulières –
Partie 24: Compteurs statiques d'énergie réactive de composante fondamentale
(classes 0,5S, 1S, 1, 2 et 3)**

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CONTENTS

FOREWORD	4
INTRODUCTION	6
1 Scope	8
2 Normative references	9
3 Terms and definitions	10
4 Standard electrical values.....	10
4.1 Voltages	10
4.2 Currents.....	10
4.2.1 General	10
4.2.2 Starting current (see Table 1)	10
4.2.3 Minimum current (see Table 2)	10
4.2.4 Maximum current.....	10
4.3 Frequencies	11
4.4 Power consumption.....	11
5 Construction requirements.....	11
6 Meter marking and documentation	11
7 Accuracy requirements	11
7.1 General test conditions	11
7.2 Methods of accuracy verification	11
7.3 Measurement uncertainty	11
7.4 Meter constant	11
7.5 Initial start-up of the meter	11
7.6 Test of no-load condition.....	11
7.7 Starting current test	11
7.8 Repeatability test	11
7.9 Limits of error due to variation of the current.....	11
7.10 Limits of error due to influence quantities.....	12
7.11 Time-keeping accuracy	14
8 Climatic requirements	15
9 The effects of external influences	15
10 Type test	15
Annex A (informative) Comparison of acceptable percentage error limits at reference conditions for meters	16
Annex B (informative) Geometric representation of active and reactive power.....	17
Annex C (informative) Influence of the phase displacement of current and voltage transformers on reactive energy measurement.....	19
Annex D (informative) Treatment of harmonics and tests for harmonics	20
D.1 Non- sinusoidal conditions and reactive power definition.....	20
D.2 Tests for accuracy under non-sinusoidal conditions	20
D.3 Fifth harmonic test	21
Annex E (informative) Summary of changes.....	22
Figure A.1 – Acceptable percentage error limits, transformer operated (S) and directly connected meters, $I_n = 5$ A, $I_{max} = 10$ A, PF = 1,0	16

Figure A.2 – Acceptable percentage error limits, transformer operated (S) and directly connected meters, $I_n = 5$ A, $I_{max} = 10$ A, PF = 0,5 inductive / 0,8 capacitive.....	16
Figure B.1 – Recommended geometric representation	17
Figure B.2 – Alternative geometric representation.....	18
Table 1 – Starting current	10
Table 2 – Minimum current.....	10
Table 3 – Acceptable percentage error limits (single-phase meters and poly-phase meters with balanced loads or single-phase loads)	12
Table 4 – Acceptable limits of variation in percentage error due to influence quantities.....	13
Table C.1 – Phase displacements for current transformer connected meters without voltage transformers and corresponding maximum measurement errors for reactive energy	19
Table C.2 – Phase displacements for current and voltage transformer connected meters and corresponding maximum measurement errors for reactive energy.....	19

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ELECTRICITY METERING EQUIPMENT –
PARTICULAR REQUIREMENTS –****Part 24: Static meters for fundamental component reactive energy
(classes 0,5 S, 1 S, 1, 2 and 3)**

FOREWORD

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International Standard IEC 62053-24 has been prepared by IEC technical committee 13: Electrical energy measurement and control.

This second edition cancels and replaces the first edition published in 2014 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 E.

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

FDIS	Report on voting
13/1804/FDIS	13/1811/RVD
13/1804(F)/FDIS	

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.

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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.

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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.