SLOVENSKI STANDARD
SIST EN IEC 62053-41:2024

01-oktober-2024

Oprema za merjenje električne energije - Posebne zahteve - 41. del: Statični števci delovne energije (razredi 0,5 in 1)

Electricity metering equipment - Particular requirements - Part 41: Static meters for DC energy (classes 0,5 and 1)

Gleichstrom-Elektrizitätszähler - Besondere Anforderungen - Teil 41: Elektronische Zähler für Gleichstrom (Genauigkeitsklassen 0,2, 0,5 und 1)

Équipement de comptage de l'électricité - Exigences particulières - Partie 41: Compteurs statiques d'énergie en courant continu (classes 0,5 et 1)

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Ta slovenski standard je istoveten z: **EN IEC 62053-41:2024**

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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

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 62053-41

August 2024

ICS 17.220.20

English Version

Electricity metering equipment - Particular requirements - Part 41: Static meters for DC energy (classes 0,5 and 1) (IEC 62053-41:2021)

Équipement de comptage de l'électricité - Exigences particulières - Partie 41: Compteurs statiques d'énergie en courant continu (classes 0,5 et 1) (IEC 62053-41:2021)

Elektrizitätszähler - Besondere Anforderungen - Teil 41: Elektronische Zähler für Gleichstrom der Genauigkeitsklassen 0,5 und 1 (IEC 62053-41:2021)

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

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SIST EN IEC 62053-41:2024

European foreword

The text of document 13/1831/FDIS, future edition 1 of IEC 62053-41, 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 62053-41:2024.

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)	2025-03-19
• latest date by which the national standards conflicting with this document have to be withdrawn	(dow)	2027-06-19

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 standardization request addressed to CENELEC by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

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The text of the International Standard IEC 62053-41:2021 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 61851-23:2014	NOTE	Approved as EN 61851-23:2014 (not modified)
IEC 61869 (series)	NOTE	Approved as EN IEC 61869 (series)

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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.cencenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 61000-4-19	2014	Electromagnetic compatibility (EMC) - Part 4-19: Testing and measurement techniques - Test for immunity to conducted, differential mode disturbances and signalling in the frequency range 2 kHz to 150 kHz at a.c. power ports	EN 61000-4-19	2014
IEC 62052-11	2020	Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment	EN IEC 62052-11	2021
			+ A11	2022
			+ A12	2024

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IEC 62053-41

Edition 1.0 2021-06

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Electricity metering equipment – Particular requirements – Part 41: Static meters for DC energy (classes 0,5 and 1)

Équipement de comptage de l'électricité – Exigences particulières – Partie 41: Compteurs statiques d'énergie en courant continu (classes 0,5 et 1)

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ELECTROTECHNIQUE
INTERNATIONALE

ICS 17.220.20

ISBN 978-2-8322-9863-3

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CONTENTS

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SIST EN IEC 62053-41:2024
https://standards.iteh.ai/catalog/standards/sist/e320844f-edea-4fe2-b876-ecd1a3eae18d/sist-en-iec-62053-41-2024

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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ELECTRICITY METERING EQUIPMENT – PARTICULAR REQUIREMENTS –

Part 41: Static meters for DC energy (classes 0,5 and 1)

FOREWORD

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International Standard IEC 62053-41 has been prepared by IEC technical committee 13: Electrical energy measurement and control.

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

FDIS	Report on voting
13/1831/FDIS	13/1842/RVD

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

The language used for the development of this International Standard is English.

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This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

A list of all parts of 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 webstore.iec.ch in the data related to the specific document. At this date, the document will be

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

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