



**SLOVENSKI STANDARD  
SIST EN IEC 62057-3:2024**

**01-julij-2024**

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**Števci električne energije - Merilna oprema, tehnike in postopki - 3. del:  
Avtomatski preskusni sistem za števce (AMTS)**

Electrical energy meters - Test equipment, techniques and procedures - Part 3:  
Automatic meter testing system (AMTS)

Prüfgeräte, Techniken und Verfahren für elektrische Energiezähler – Teil 3:  
Automatisches Zählerprüfsystem (AMTS)

Compteurs d'énergie électrique - Équipement, techniques et procédures d'essai - Partie  
3: Système d'essai automatisé des compteurs d'énergie électrique (AMTS)

**Ta slovenski standard je istoveten z: EN IEC 62057-3:2024**

[SIST EN IEC 62057-3:2024](#)

<http://standards.sist.net/catalog/standards/sist/15-19a2e3-6057-iec/62057-3-2024/iec/62057-3-2024>

**ICS:**

17.220.20	Merjenje električnih in magnetnih veličin	Measurement of electrical and magnetic quantities
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**SIST EN IEC 62057-3:2024**

**en**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN IEC 62057-3**

May 2024

ICS 17.220.20

English Version

**Electrical energy meters - Test equipment, techniques and  
procedures - Part 3: Automatic meter testing system (AMTS)  
(IEC 62057-3:2024)**

Compteurs d'énergie électrique - Équipement, techniques  
et procédures d'essai - Partie 3: Système d'essai  
automatisé des compteurs d'énergie électrique (AMTS)  
(IEC 62057-3:2024)

Elektrische Energiezähler - Prüfgeräte, Techniken und  
Verfahren - Teil 3: Automatisches Zählerprüfsystem (AMTS)  
(IEC 62057-3:2024)

This European Standard was approved by CENELEC on 2024-05-28. 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.

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 European Standard 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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[SIST EN IEC 62057-3:2024](https://standards.iteh.ai)

<https://standards.iteh.ai/catalog/standards/sist/4549a2e3-e059-4ac3-8751-e8e9e8d09ae7/sist-en-iec-62057-3-2024>



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 62057-3:2024 (E)****European foreword**

The text of document 13/1916/FDIS, future edition 1 of IEC 62057-3, 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 62057-3:2024.

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)	2025-02-28
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latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2027-05-28
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Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

**Endorsement notice**

The text of the International Standard IEC 62057-3:2024 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 62052-11:2020 NOTE Approved as EN IEC 62052-11:2021 (not modified)<sup>1</sup>

[SIST EN IEC 62057-3:2024](https://standards.iteh.ai/catalog/standards/sist/4549a2e3-e059-4ac3-8751-e8e9e8d09ae7/sist-en-iec-62057-3-2024)

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<sup>1</sup> As impacted by EN IEC 62052-11:2021+A11:2022 and EN IEC 62052-11:2021+A12:2024.

## 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](http://www.cencenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60204-1 (mod)	2016	Safety of machinery - Electrical equipment of machines - Part 1: General requirements	EN 60204-1	2018
+ AMD1	2021		+ A1	— <sup>2</sup>
IEC 61010-1	2010	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements	EN 61010-1	2010
+ A1 (mod)	2016		+ A1	2019
IEC 61140	-	Protection against electric shock - Common aspects for installation and equipment	EN 61140	-
IEC 61180	2016	High-voltage test techniques for low-voltage equipment - Definitions, test and procedure requirements, test equipment	EN 61180	2016
IEC 61326-1	2020	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements	EN IEC 61326-1	2021
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
IEC 62053-21	2020	Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2)	EN IEC 62053-21	2021
-	-		+ A11	2021

<sup>2</sup> Under preparation. Stage at the time of publication: EN 60204-1:2018/prA1:2020.

**EN IEC 62057-3:2024 (E)**

IEC 62053-22	2020	Electricity metering equipment - Particular requirements - Part 22: Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S)	EN IEC 62053-22	2021
-	-		+ A11	2021
IEC 62053-23	2020	Electricity metering equipment - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3)	EN IEC 62053-23	2021
-	-		+ A11	2021
IEC 62053-24	2020	Electricity metering equipment - Particular requirements - Part 24: Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3)	EN IEC 62053-24	2021
-	-		+ A11	2021
IEC 62054-21	2004	Electricity metering (a.c.) - Tariff and load control - Part 21: Particular requirements for time switches	EN 62054-21	2004
+ AMD1	2017		+ A1	2017
IEC 62057-1	2023	Electrical energy meters - Test equipment, techniques and procedures - Part 1: Stationary meter test units (MTUs)	EN IEC 62057-1	2023
IEC 62058-31 (mod)2008		Electricity metering equipment (AC) - Acceptance inspection - Part 31: Particular requirements for static meters for active energy (classes 0,2 S, 0,5 S, 1 and 2)	EN 62058-31	2010

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<https://standards.iteh.ai/catalog/standards/sist/4549a2e3-e059-4ac3-8751-e8e9e8d09ae7/sist-en-iec-62057-3-2024>