

SLOVENSKI STANDARD

SIST EN IEC 60051-5:2018

01-junij-2018

Nadomešča:
SIST EN 60051-5:1995

Neposredni kazalni analogni električni merilni instrumenti in njihov pribor - 5. del: Posebne zahteve za merilnike faze, merilnike faktorja moči in za sinhroskope (IEC 60051-5:2017)

Direct acting indicating analogue electrical measuring instruments and their accessories - Part 5: Special requirements for phase meters, power factor meters and synchrosopes (IEC 60051-5:2017)

Direkt wirkende anzeigende elektrische Meßgeräte und ihr Zubehör - Meßgeräte mit Skalenanzeige - Teil 5: Spezielle Anforderungen für Phasenverschiebungswinkel-Meßgeräte, Leistungsfaktor-Meßgeräte und Synchronoskope (IEC 60051-5:2017)

Appareils mesureurs électriques indicateurs analogiques à action directe et leurs accessoires - Partie 5: Prescriptions particulières pour les phasemètres, les indicateurs de facteur de puissance et les synchrosopes (IEC 60051-5:2017)

Ta slovenski standard je istoveten z: EN IEC 60051-5:2018

ICS:

17.220.20	Merjenje električnih in magnetnih veličin	Measurement of electrical and magnetic quantities
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SIST EN IEC 60051-5:2018

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EUROPEAN STANDARD

EN IEC 60051-5

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2018

ICS 17.220.20

Supersedes EN 60051-5:1989

English Version

Direct acting indicating analogue electrical measuring
instruments and their accessories - Part 5: Special requirements
for phase meters, power factor meters and synchrosopes
(IEC 60051-5:2017)

Appareils mesureurs électriques indicateurs analogiques à
action directe et leurs accessoires - Partie 5: Exigences
particulières pour les phasemètres, les appareils de mesure
de facteur de puissance et les synchrosopes
(IEC 60051-5:2017)

Direkt wirkende anzeigende elektrische Meßgeräte und ihr
Zubehör - Meßgeräte mit Skalenanzeige - Teil 5: Spezielle
Anforderungen für Phasenverschiebungswinkel-Meßgeräte,
Leistungsfaktor- Meßgeräte und Synchronoskope
(IEC 60051-5:2017)

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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 60051-5:2018 (E)**European foreword**

The text of document 85/581/CDV, future edition 5 of IEC 60051-5, prepared by IEC/TC 85 "Measuring equipment for electrical and electromagnetic quantities" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60051-5:2018.

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) 2018-10-19
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-01-19

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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, and supports essential requirements of EU Directives.

For the relationship with EU Directives see informative Annex ZZ, which is an integral part of this document.

Endorsement notice

The text of the International Standard IEC 60051-5:2017 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 60051-9¹ NOTE Harmonized as EN 60051-9².

¹ To be published. Stage at the time of publication: IEC CDV 60051-9:2018.

² To be published. Stage at the time of publication: prEN 60051-9:2018.

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 60051-1	2016	Direct acting indicating analogue electrical measuring instruments and their accessories – Part 1: Definitions and general requirements common to all parts	EN 60051-1	2017

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Direct acting indicating analogue electrical measuring instruments and their accessories –
Part 5: Special requirements for phase meters, power factor meters and synchrosopes**

**Appareils mesureurs électriques indicateurs analogiques à action directe et leurs accessoires –
Partie 5: Exigences particulières pour les phasemètres, les appareils de mesure de facteur de puissance et les synchronoscopes**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**DIRECT ACTING INDICATING ANALOGUE ELECTRICAL
MEASURING INSTRUMENTS AND THEIR ACCESSORIES –****Part 5: Special requirements for phase meters,
power factor meters and synchrosopes**

FOREWORD

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International Standard IEC 60051-5 has been prepared by IEC technical committee 85: Measuring equipment for electrical and electromagnetic quantities.

This fifth edition cancels and replaces the fourth edition published in 1985. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) updating of content in line with new editions of IEC 60051-1 and IEC 60051-9;
- b) addition of Annex A to specify the nonconformity classification of test items.