



# SLOVENSKI STANDARD SIST EN IEC 60051-6:2018

01-junij-2018

Nadomešča:  
SIST EN 60051-6:1995

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## Neposredni kazalni analogni električni merilni instrumenti in njihov pribor - 6. del: Posebne zahteve za ohmmetre (merilnike impedance) in merilnike prevodnosti

Direct acting indicating analogue electrical measuring instruments and their accessories  
- Part 6: Special requirements for ohmmeters (impedance meters) and conductance  
meters

Direkt wirkende anzeigende elektrische Meßgeräte und ihr Zubehör - Meßgeräte mit  
Skalenanzeige - Teil 6: Spezielle Anforderungen für Widerstands- (Scheinwiderstands-)  
und Leitfähigkeits-Meßgeräte

Appareils mesureurs électriques indicateurs analogiques à action directe et leurs  
accessoires - Partie 6: Prescriptions particulières pour les ohmmètres (les  
impédancemètres) et les inductancemètres

**Ta slovenski standard je istoveten z: EN IEC 60051-6:2018**

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### **ICS:**

17.220.20	Merjenje električnih in magnetnih veličin	Measurement of electrical and magnetic quantities
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**SIST EN IEC 60051-6:2018** en,fr,de

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EUROPEAN STANDARD

**EN IEC 60051-6**

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2018

ICS 17.220.20

Supersedes EN 60051-6:1989

English Version

Direct acting indicating analogue electrical measuring  
instruments and their accessories - Part 6: Special requirements  
for ohmmeters (impedance meters) and conductance meters  
(IEC 60051-6:2017)

Appareils mesureurs électriques indicateurs analogiques à  
action directe et leurs accessoires - Partie 6: Exigences  
particulières pour les ohmmètres (les impédancemètres) et  
les conductancemètres  
(IEC 60051-6:2017)

Direkt wirkende anzeigende elektrische Meßgeräte und  
ihr Zubehör - Meßgeräte mit Skalenanzeige - Teil 6:  
Spezielle Anforderungen für Widerstands-  
(Scheinwiderstands-) und Leitfähigkeits-Meßgeräte  
(IEC 60051-6:2017)

This European Standard was approved by CENELEC on 2018-01-19. 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**

**EN IEC 60051-6:2018 (E)****European foreword**

The text of document 85/559/CDV, future edition 5 of IEC 60051-6, 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 60051-6:2018.

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

This document supersedes EN 60051-6:1989.

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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.

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The text of the International Standard IEC 60051-6:2017 was approved by CENELEC as a European Standard without any modification. <https://standards.iteh.ai/catalog/standards/sist/6ec996e6-ef77-4cf7-b9d0-709e6e3ed30c/sist-en-iec-60051-6-2018>

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60051-9<sup>1</sup>      NOTE      Harmonized as EN 60051-9<sup>2</sup>.

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

<sup>2</sup> 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](http://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 – Part1: Definitions and general requirements common to all parts	EN 60051-1	2017

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IEC 60051-6

Edition 5.0 2017-12

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Direct acting indicating analogue electrical measuring instruments and their accessories –  
Part 6: Special requirements for ohmmeters (impedance meters) and  
conductance meters**

SIST EN IEC 60051-6:2018

<https://standards.iteh.ai/catalog/standards/sist/6ec996e6-ef77-4cf7-b9d0->

**Appareils mesureurs électriques indicateurs analogiques à action directe et  
leurs accessoires –**

**Partie 6: Exigences particulières pour les ohmmètres (les impédancemètres) et  
les conductancemètres**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**DIRECT ACTING INDICATING ANALOGUE ELECTRICAL MEASURING  
INSTRUMENTS AND THEIR ACCESSORIES –****Part 6: Special requirements for ohmmeters (impedance meters)  
and conductance meters**

## FOREWORD

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International Standard IEC 60051-6 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 1984. 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.

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

CDV	Report on voting
85/559/CDV	85/582A/RVC

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 International Standard is to be used in conjunction with IEC 60051-1:2016.

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

A list of all parts in the IEC 60051 series, published under the general title *Direct acting indicating analogue electrical measuring instruments and their accessories*, 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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