

**SLOVENSKI STANDARD
SIST EN IEC 60051-2:2021****01-september-2021****Nadomešča:
SIST EN 60051-2:1995**

**Neposredni kazalni analogni električni merilni instrumenti in njihov pribor - 2. del:
Posebne zahteve za ampermetre in voltmetre (IEC 60051-2:2018)**Direct acting indicating analogue electrical measuring instruments and their accessories
- Part 2: Special requirements for ammeters and voltmeters (IEC 60051-2:2018)Direkt wirkend anzeigende analoge elektrische Messgeräte und ihr Zubehör - Teil 2:
Spezielle Anforderungen für Strom- und Spannungs- Messgeräte (IEC 60051-2:2018)Appareils mesureurs électriques indicateurs analogiques à action directe et leurs
accessoires - Partie 2: Exigences particulières pour les ampèremètres et les voltmètres
(IEC 60051-2:2018)**Ta slovenski standard je istoveten z: EN IEC 60051-2:2021****ICS:**

17.220.20	Merjenje električnih in magnetnih veličin	Measurement of electrical and magnetic quantities
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SIST EN IEC 60051-2:2021**en,fr,de**

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EUROPEAN STANDARD

EN IEC 60051-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2021

ICS 17.220.20

Supersedes EN 60051-2:1989 and all of its amendments
and corrigenda (if any)

English Version

Direct acting indicating analogue electrical measuring
instruments and their accessories - Part 2: Special requirements
for ammeters and voltmeters
(IEC 60051-2:2018)

Appareils mesureurs électriques indicateurs analogiques à
action directe et leurs accessoires - Partie 2: Exigences
particulières pour les ampèremètres et les voltmètres
(IEC 60051-2:2018)

Direkt wirkend anzeigende analoge elektrische
Messgeräte und ihr Zubehör - Teil 2: Spezielle
Anforderungen für Strom- und Spannungs- Messgeräte
(IEC 60051-2:2018)

This European Standard was approved by CENELEC on 2018-10-04. 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 60051-2:2021 (E)**European foreword**

The text of document 85/555/CDV, future edition 5 of IEC 60051-2, 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 60051-2:2021.

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) 2021-10-30
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-04-30

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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.

Endorsement notice
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The text of the International Standard IEC 60051-2:2018 was approved by CENELEC as a European Standard without any modification. [SIST EN IEC 60051-2:2021](https://standards.iteh.ai/catalog/standards/sist/75cfe6bc-270c-4a22-b925-)

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

IEC 60051-7 NOTE Harmonized as EN IEC 60051-7

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
IEC 60051-9	-	Direct acting indicating analogue electrical measuring instruments and their accessories - Part 9: Recommended test methods	EN 60051-9	-
IEC 61869-2	-	Instrument transformers - Part 2: Additional requirements for current transformers	EN 61869-2	-

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IEC 60051-2

Edition 5.0 2018-08

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Direct acting indicating analogue electrical measuring instruments and their accessories –
Part 2: Special requirements for ammeters and voltmeters**

**Appareils mesureurs électriques indicateurs analogiques à action directe et leurs accessoires –
Partie 2: Exigences particulières pour les ampèremètres et les voltmètres**

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CONTENTS

FOREWORD.....	4
INTRODUCTION.....	6
1 Scope.....	7
2 Normative references	7
3 Terms and definitions	7
4 Description, classification and compliance.....	7
5 Requirements	7
5.1 Reference conditions	7
5.2 Limits of intrinsic uncertainty, fiducial value	8
5.2.1 Limits of intrinsic uncertainty	8
5.2.2 Correspondence between intrinsic uncertainty and accuracy class	8
5.2.3 Fiducial value	8
5.3 Nominal range of use and variations	9
5.3.1 Nominal range of use.....	9
5.3.2 Limits of variations.....	10
5.3.3 Conditions for the determination of variations	10
5.4 Operating uncertainty, overall system uncertainty and variations	10
5.5 Electrical requirements.....	10
5.5.1 Electrical safety requirements.....	10
5.5.2 Self-heating	10
5.5.3 Permissible overloads.....	10
5.5.4 Limiting range of temperature.....	12
5.5.5 Deviation from zero	12
5.5.6 Electromagnetic compatibility (EMC)	12
5.6 Constructional requirements	12
5.6.1 General constructional requirements	12
5.6.2 Damping.....	12
5.6.3 Sealing to prevent access.....	13
5.6.4 Scales	13
5.6.5 Stopper.....	13
5.6.6 Preferred values	13
5.6.7 Adjusters, mechanical and/or electrical.....	14
5.6.8 Effects of vibration and shock	14
5.6.9 Degrees of protection provided by enclosure	14
5.6.10 Terminals	14
6 Information, markings and symbols.....	14
6.1 Information	14
6.2 Markings, symbols and their locations.....	14
6.3 Markings relating to the reference values and nominal ranges of use of influence quantities	14
6.4 The symbols for marking instruments and accessories.....	14
6.5 Markings and symbols for terminals	14
6.5.1 Requirements for markings.....	14
6.5.2 Earthing (grounding) terminals.....	15
6.5.3 Measuring circuit terminals	15
6.5.4 Special markings for terminals.....	15

6.6	Instructions for use	15
7	Package	15
8	Test rules	15
	Annex A (normative) Nonconformity classification of tests	16
	Bibliography.....	17

Table 1 – Limits of the nominal range of use and permissible variations in addition to those given in Table 3 of IEC 60051-1:2016..... 9

Table 2 – Overloads of short duration for ammeters and voltmeters..... 12

Table A.1 – Nonconformity classification of tests 16

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**DIRECT ACTING INDICATING ANALOGUE ELECTRICAL
MEASURING INSTRUMENTS AND THEIR ACCESSORIES –****Part 2: Special requirements for ammeters and voltmeters**

FOREWORD

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International Standard IEC 60051-2 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
85/555/CDV	85/578A/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 document has been drafted in accordance with the ISO/IEC Directives, Part 2.

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

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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