



SLOVENSKI STANDARD
SIST EN 60051-1:1995/A2:2000
01-februar-2000

Direct acting indicating analogue electrical-measuring instruments and their accessories -- Part 1: Definitions and general requirements common to all parts - Amendment A2 (IEC 60051-1:1984/A2:1995)

Direct acting indicating analogue electrical measuring instruments and their accessories - Part 1: Definitions and general requirements common to all parts - Amendment A2 (IEC 60051-1:1984/A2:1995)

STANDARD PREVIEW
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Direkt wirkende anzeigende elektrische Meßgeräte und ihr Zubehör - Meßgeräte mit Skalenanzeige -- Teil 1: Definitionen und allgemeine Anforderungen für alle Teile dieser Norm

[SIST EN 60051-1:1995/A2:2000](https://standards.iteh.ai/catalog/standards/sist/c5097ee8-6696-450a-ad0b-3e31c1ca2000/iec-60051-1-1984-a2-1995)

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Appareils mesureurs électriques indicateurs analogiques à action directe et leurs accessoires -- Partie 1: Définitions et prescriptions générales communes à toutes les parties

Ta slovenski standard je istoveten z: EN 60051-1:1989/A2:1995

ICS:

17.220.20	T ^ b} b ^ dã } ãã { æ } ^ç ãã ^ ã ã	Measurement of electrical and magnetic quantities
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SIST EN 60051-1:1995/A2:2000 **en**

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EUROPEAN STANDARD

EN 60051-1/A2

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 1995

UDC 621.317.7.037.33:620.1
ICS 17.220.20

Descriptors: Electrical measuring instruments, analogue indicating instruments, direct acting measuring instruments, accessories for electrical measuring instruments

English version

**Direct acting indicating analogue electrical-measuring
instruments and their accessories**
Part 1: Definitions and general requirements common to all parts
(IEC 51-1:1984/A2:1995)

Appareils mesureurs électriques
indicateurs analogiques à action directe
et leurs accessoires

Partie 1: Définitions et prescriptions
générales communes à toutes les
parties

(CEI 51-1:1984/A2:1995)

Direkt wirkende anzeigende elektrische
Meßgeräte und ihr Zubehör

Meßgeräte mit Skalenanzeige

Teil 1: Definitionen und allgemeine

Anforderungen für alle Teile dieser Norm
(IEC 51-1:1984/A2:1995)

[SIST EN 60051-1:1995/A2:2000](https://standards.iteh.ai/catalog/standards/sist/c5097ee8-6696-450a-ad0b-39df3be72532/sist-en-60051-1-1995-a2-2000)

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This amendment A2 modifies the European Standard EN 60051-1:1989; it was approved by CENELEC on 1995-02-15. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 Central Secretariat or to any CENELEC member.

This amendment 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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

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Ref. No. EN 60051-1:1989/A2:1995 E

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA ZNANOST IN TEHNOLOGIJO
Urad RS za standardizacijo in metrologijo
LJUBLJANA

SIST EN 60051-1/A2
PREJET PO METODI RAZGLASITVE -02-2000

Foreword

The text of document 85(CO)64 + 64A, future amendment 2 to IEC 51-1:1984, prepared by IEC TC 85, Measuring equipment for electromagnetic quantities, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A2 to EN 60051-1:1989 on 1995-02-15.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1996-02-15
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 1996-02-15

For products which have complied with EN 60051-1:1989 before 1996-02-15, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2001-02-15.

Endorsement notice

The text of amendment 2:1995 to the International Standard IEC 51-1:1984 was approved by CENELEC as an amendment to the European Standard without any modification.

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC
51-1

1984

AMENDEMENT 2
AMENDMENT 2

1995-01

Amendement 2

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

Partie 1:
Définitions et prescriptions générales
communes à toutes les parties

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**Direct acting indicating analogue electrical-
measuring instruments and their accessories**

Part 1:
Definitions and general requirements
common to all parts

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

B

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For price, see current catalogue*

FOREWORD

This amendment has been prepared by IEC technical committee 85: Measuring equipment for electromagnetic quantities.

The text of this amendment is based on the following documents:

DIS	Report on voting
85(CO)64	85/46/RVD

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

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Replacement:

6.3.1 Instruments, together with their non-interchangeable accessories (if any), interchangeable accessories and accessories of limited interchangeability shall comply with the requirements corresponding to their class index after being continuously operated at any time after the completion of the specified preconditioning period (if any).

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For testing:

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- instruments shall be energized to give an indication of about 90 % of the upper limit of the measuring range;
- shunts shall be energized at about 90 % of their nominal value;
- series resistors (impedances) shall be energized at about 90 % of their rated values.

6.3.2 The variation shall not exceed the value corresponding to 100 % of the class index.

Nonetheless, the instrument, together with its accessories, shall also comply with the requirements relating to its class index.
