



SLOVENSKI STANDARD

SIST EN 60564:1999/A2:1999

01-julij-1999

Enosmerni mostički za meritve upornosti – Dopolnilo A2 (IEC 60564:1977/A2:1997)

D.C. bridges for measuring resistance

Gleichstrom-Widerstandsmeßbrücken

Ponts à courant continu pour mesure de résistance

Ta slovenski standard je istoveten z: EN 60564:1993/A2:1997

[SIST EN 60564:1999/A2:1999](https://standards.iteh.ai/catalog/standards/sist/18067b94-8b0c-46e6-9ee1-b1afb0afb70/sist-en-60564-1999-a2-1999)

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ICS:

17.220.20	Merjenje električnih in magnetnih veličin	Measurement of electrical and magnetic quantities
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en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60564/A2

November 1997

UDC 621.317.733.011.2:621.3.024
ICS 17.220.20

Descriptors: Measuring instrument, resistance measurement, bridge for measuring resistance, d.c. bridge

English version

**D.C. bridges for measuring resistance
(IEC 60564:1977/A2:1997)**

Ponts à courant continu pour
mesure de résistance
(CEI 60564:1977/A2:1997)

Gleichstrom-Widerstandsmeßbrücken
(IEC 60564:1977/A2:1997)

This amendment A2 modifies the European Standard EN 60564:1993; it was approved by CENELEC on 1997-10-01. 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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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

Foreword

The text of document 85/170/FDIS, future amendment 2 to IEC 60564:1977, 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 60564:1993 on 1997-10-01.

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) 1998-07-01
- latest date by which the national standards conflicting
with the amendment have to be withdrawn (dow) 1998-07-01

For products which have complied with EN 60564:1993 before 1998-07-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2003-07-01.

Endorsement notice

The text of amendment 2:1997 to the International Standard IEC 60564:1977 was approved by CENELEC as an amendment to the European Standard without any modification.

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC
60564

1977

AMENDEMENT 2
AMENDMENT 2

1997-10

Amendement 2

Ponts à courant continu pour mesure de résistance

Amendment 2

STANDARD PREVIEW
DC bridges for measuring resistance
(standards.iteh.ai)

SIST EN 60564:1999/A2:1999

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

C

*Pour prix, voir catalogue en vigueur
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:

FDIS	Report on voting
85/170/FDIS	85/181/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.

Page 21

8.1 Voltage tests and other safety requirements

Replace the existing text by the following:

The requirements for the voltage test and other safety requirements are included in IEC 61010-1 *Safety requirements for electrical equipment for measurement, control and laboratory use – Part 1: General requirements* (1990), to which reference shall be made.

8.2 Insulation resistance

Replace the last sentence of the first paragraph by the following:

This value shall be not less than 20 MΩ.

Page 23

9 Information, markings and symbols

Subclause 9.1.1

Delete, on page 25, item l).

Add the following new items:

- u) common mode voltage;
- v) overvoltage category;
- w) pollution degree.

Page 25

Subclause 9.2.1

Delete item I).

Add the following new items:

- v) using symbols according to IEC 61010-1, amendment 2, subclause 5.1.5.
- w) using symbols according to IEC 61010-1.

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9.4.1 Bridge specified in terms of the effective ranges

Replace the star symbol of test voltage by the symbol of overvoltage category according to IEC 61010-1, amendment 2, subclause 5.1.5, for example: CAT II and pollution degree, for example: Pollution degree 1 and the symbol F-33 in table III.

Replace the text of item 4) by the following:

- 4) The overvoltage category: II

Add the following new items:

- 6) The pollution degree: 1.

The value of the common mode voltage is given in a separate document.

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9.4.2 Bridge specified in terms of overall effective range

Replace the star symbol of test voltage by the symbol of overvoltage category according to IEC 61010-1, amendment 2, subclause 5.1.5, for example: CAT II and pollution degree, for example: Pollution degree 1 and the symbol F-33 in table III.

Replace text of item 4) by the following new text:

- 4) The overvoltage category: II

- 5) The pollution degree: 1.

The value of the common mode voltage is given in a separate document.

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Table III

Replace the existing title of C by the following:

C – Safety (see IEC 61010-1)

Delete the symbols C-1, C-2 and C-3.