



SLOVENSKI STANDARD
SIST EN 60477:2000/A1:2000
01-september-2000

Laboratorijski upori za enosmerni tok – Dopolnilo A1 (IEC 60477:1974/A1:1997)

Laboratory d.c. resistors

Gleichstrom-Meßwiderstände

Résistances de laboratoire à courant continu

Ta slovenski standard je istoveten z: EN 60477:1997/A1:1997

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ICS:

17.220.20	Merjenje električnih in magnetnih veličin	Measurement of electrical and magnetic quantities
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60477/A1

October 1997

ICS 17.220.20

Descriptors: Laboratory, direct current, resistors

English version

**Laboratory d.c. resistors
(IEC 60477:1974/A1:1997)**

Résistances de laboratoire à courant
continu
(CEI 60477:1974/A1:1997)

Gleichstrom-Meßwiderstände
(IEC 60477:1974/A1:1997)

This amendment A1 modifies the European Standard EN 60477:1997; 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, 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 85/171/FDIS, future amendment 1 to IEC 60477:1974, 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 A1 to EN 60477:1997 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) 1998-09-01
- latest date by which the national standards conflicting
with the amendment have to be withdrawn (dow) 1998-09-01

Endorsement notice

The text of amendment 1:1997 to the International Standard IEC 60477:1974 was approved by CENELEC as an amendment to the European Standard without any modification.

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC
60477

1974

AMENDEMENT 1
AMENDMENT 1

1997-10

Amendement 1

Résistances de laboratoire à courant continu

Amendment 1

Laboratory d.c. resistors

<https://standards.iteh.ai/catalog/standards/sist/1f90218c-14a7-4737-8edd-cf6a2ac348f9/sist-en-60477-2000-a1-2000>

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

C

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
85/171/FDIS	85/182/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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7.1 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.

<https://standards.iteh.ai/catalog/standards/sist/1f90218c-14a7-4737-8edd-cf6a2ac348f9/sist-en-60477-2000-a1-2000>

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8 Markings and symbols

Subclause 8.1

Delete item t).

Replace the text of item u) by the following:

u) where relevant, the symbol showing that some other essential information is given in a separate document (for example: common mode voltage, symbol F-33);

Add the following new items:

- v) overvoltage category;
- w) pollution degree.

Subclause 8.2.1

Delete the letter t) and add the letters v) and w).

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Subclause 8.2.3

Add the letter u) after letter s).

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Table VII

Replace "C Safety" by the following:

C Safety (see IEC 61010-1)

Delete the symbols C-1 to C-3.

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A.3 Example of marking for a single resistor

Figure 2

Replace the "star" symbol for the test voltage by the symbol of overvoltage category according to IEC 61010-1, amendment 2, subclause 5.1.5, for instance: CAT II and the pollution degree, for instance: Pollution degree 1.

Replace, in the first sentence of the second paragraph, the text "alternating test voltage of 2 kV" by "overvoltage category is II and the pollution degree is 1".

A.4 Example of marking for a five decade resistor.

Figure 3

Replace the "star" marking by  marking according to IEC 61010-1, table 1.

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

The resistor, No. 000 000, was manufactured by NN.

Add, at the end of the paragraph, the following new sentence:

The common mode voltage is given in a separate document.
