



SLOVENSKI STANDARD
SIST EN 60062:2002/A11:2002
01-september-2002

Marking codes for resistors and capacitors; Amendment A11

Marking codes for resistors and capacitors

Kennzeichnung von Widerständen und Kondensatoren

Codes pour le marquage des résistances et des condensateurs

Ta slovenski standard je istoveten z: EN 60062:1993/A11:2001

[SIST EN 60062:2002/A11:2002](https://standards.iteh.ai/catalog/standards/sist/c2a0eac8-13b2-4995-9056-4774df965b35/sist-en-60062-2002-a11-2002)

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ICS:

| | | |
|-----------|--------------------------|-----------------------|
| 31.040.01 | Upori splošno | Resistors in general |
| 31.060.01 | Kondenzatorji na splošno | Capacitors in general |

SIST EN 60062:2002/A11:2002 **en**

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EUROPEAN STANDARD

EN 60062/A11

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2001

ICS 31.040.00; 31.060.00

English version

Marking codes for resistors and capacitorsCodes pour le marquage des résistances
et des condensateursKennzeichnung von Widerständen und
Kondensatoren

This amendment A11 modifies the European Standard EN 60062:1993; it was approved by CENELEC on 2000-04-01. 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.

CENELECEuropean Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

Foreword

This amendment was prepared by the Technical Committee CENELEC TC 40XA, Capacitors.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as amendment A11 to EN 60062:1993 on 2000-04-01.

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) 2001-10-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2003-04-01

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Contents

Add:

6 Code letter(index) for the dielectric material of plastic film- and paper-capacitors

Table IV - Letter corresponding to dielectric of plastic film material

1 Scope

Replace the first paragraph by:

This standard specifies marking codes for resistors and capacitors and indexes for the dielectric material and the electrodes of plastic film and paper capacitors.

Add after the last paragraph:

The code (index) specified in clause 6 gives a coding system for the dielectric material.

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Add a new clause 6 :

6 Code letter(index) for the dielectric material of plastic film and paper capacitors

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Table IV - Letter corresponding to dielectric of plastic film material

<http://standards.iteh.ai/catalog/standards/sist-en-60062-2002-a11-2002>

| Index | Dielectric material | in accordance with ISO 1043-1:1997 *) |
|-------|--------------------------|------------------------------------------|
| C | Polycarbonate | PC |
| I | Polyphenylensulfide | PPS |
| N | Polyethylenenaphtalate | PEN |
| P | Polypropylene | PP |
| S | Polystyrene | PS |
| T | Polyethyleneteraphtalate | PETP |

*) ISO 1043-1:1997 describes symbols for plastic material

6.1 Code for the electrode

The electrode can be self-supporting (e.g. metal foil) or can be thin layers on the dielectric material (e.g. metallized under vacuum) .

Self-healing of capacitors after breakdown is given only by metallized electrodes. Only capacitors with metallized electrodes get an index in regard to the electrode.

Capacitors are named with two or three key letters:

- the index K means that the dielectric material of the capacitor is a plastic film.
- the index P means that the dielectric material of the capacitor is paper.

An index from Table IV after K defines the dielectric material. An index M before K or P means, that the capacitor has metallized electrodes.

For capacitors with electrodes of metal foil, no index is used.

6.2 Examples

KP-capacitors: Plastic film capacitors with polypropylene as dielectric material and metal foil as electrodes.

MP-capacitors: Capacitors with paper as dielectric material and metallized electrodes.

MKT-capacitors: Plastic film capacitor with polyethyleneteraphtalate as dielectric and metallized electrodes.
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