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**Specifications for particular types of winding wires – Part 4: Solderable polyurethane enamelled round copper wire, class 130**

Specifications for particular types of winding wires -- Part 4: Solderable polyurethane enamelled round copper wire, class 130

Technische Lieferbedingungen für bestimmte Typen von Wickeldrähten -- Teil 4: Runddrähte aus Kupfer, verzinnbar, lackisoliert mit Polyurethan, Klasse 130

Spécifications pour types particuliers de fils de bobinage -- Partie 4: Fil de section circulaire en cuivre émaillé avec polyuréthane brasable, classe 130

<https://standards.iteh.ai/catalog/standards/sist/3a01f9c3-29ce-4681-8efc-c77d69f952cb/sist-en-60317-4-2001-a2-2002>

**Ta slovenski standard je istoveten z: EN 60317-4:1994/A2:2000**

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**ICS:**

29.060.10

Žice

Wires

**SIST EN 60317-4:2001/A2:2002****en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

EN 60317-4/A2

February 2000

ICS 29.060.10

English version

**Specifications for particular types of winding wires**  
**Part 4: Solderable polyurethane enamelled round copper wire, class 130**  
(IEC 60317-4:1990/A2:1999)

Spécifications pour types particuliers  
de fils de bobinage  
Partie 4: Fil de section circulaire en  
cuivre émaillé avec polyuréthane  
brasable, classe 130  
(CEI 60317-4:1990/A2:1999)

Technische Lieferbedingungen für  
bestimmte Typen von Wickeldrähten  
Teil 4: Runddrähte aus Kupfer,  
verzinnbar, lackisoliert mit Polyurethan,  
Klasse 130  
(IEC 60317-4:1990/A2:1999)

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This amendment A2 modifies the European Standard EN 60317-4:1994; it was approved by CENELEC on 2000-01-01. 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.

**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 55/694/FDIS, future amendment 2 to IEC 60317-4, prepared by IEC TC 55, Winding wires, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A2 to EN 60317-4:1994 on 2000-01-01.

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) 2000-10-01
- latest date by which the national standards conflicting  
with the amendment have to be withdrawn (dow) 2003-01-01

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### Endorsement notice

The text of amendment 2:1999 to the International Standard IEC 60317-4:1990 was approved by CENELEC as an amendment to the European Standard without any modification.

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NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD

CEI  
IEC

60317-4

1990

AMENDEMENT 2  
AMENDMENT 2  
1999-10

Amendement 2

**Spécifications pour types particuliers de fils  
de bobinage –**

**Partie 4:**

**Fil de section circulaire en cuivre émaillé  
avec polyuréthane brasable, classe 130**

(standards.iteh.ai)

Amendment 2

<https://standards.iteh.ai/catalog/standards/sist/3a01f9c3-29ce-4681-8efc-c77d69f952ch/sist-en-60317-4-2001-a2-2002>

**Specifications for particular types of  
winding wires –**

**Part 4:**

**Solderable polyurethane enamelled round  
copper wire, class 130**

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Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

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## FOREWORD

This amendment has been prepared by IEC technical committee 55: Winding wires.

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

| FDIS        | Report on voting |
|-------------|------------------|
| 55/694/FDIS | 55/721/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 15

**17.3 Nominal conductor diameters over 0,100 mm**

*Replace the existing title and text by the following:*

**17.3 Nominal conductor diameter over 0,100 mm**

The temperature of the solder bath shall be  $(375 \pm 5) ^\circ\text{C}$ . The maximum immersion time (in seconds) shall be the following multiple of the nominal conductor diameter (in millimetres) with a minimum of 2 s.

| Grade 1 | Grade 2 |
|---------|---------|
| 8 s/mm  | 12 s/mm |

The surface of the tinned wire shall be smooth and free from holes and enamel residues.