

Specifications for particular types of winding wires

Part 27. Paper covered rectangular copper wire

The European Standard EN 60317-27 : 1994 has the status of a British Standard

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Cables and Insulation Standards Policy Committee (CIL/-) to Technical Committee CIL/55, upon which the following bodies were represented:

- Covered Conductors Association
- Electrical and Electronic Insulation Association (BEAMA Ltd.)
- Electronic Components Industry Federation
- Transmission and Distribution Association (BEAMA Ltd.)

This British Standard, having been prepared under the direction of the Cables and Insulation Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 April 1993

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The following BSI references relate to the work on this standard:
Committee reference CIL/55
Special announcement in *BSI News* January 1993

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Amendments issued since publication

Amd. No.	Date	Text affected
7907	September 1993	Indicated by a double line in the margin
8987	June 1996	Indicated by a double line in the margin

Summary of pages

The following table identifies the current issue of each page. Issue 1 indicates that a page has been introduced for the first time by amendment. Subsequent issue numbers indicate an updated page. Vertical sidelining on replacement pages indicates the most recent changes (amendment, addition, deletion).

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Change of identifier

Wherever BS 6811 : Section 8.1 : 1993 appears in this standard, it should be read as BS EN 60317-27 : 1996.

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National foreword

This British Standard has been prepared by Technical Committee GEL/55 (formerly CIL/55). It is identical with IEC 317-27 : 1990 *Specifications for particular types of winding wires Part 27: Paper covered rectangular copper wire* and Amendment No. 1 : 1993, published by the International Electrotechnical Commission (IEC).

In 1994 the European Committee for Electrotechnical Standardization (CENELEC) accepted IEC 317-27 : 1990 as European Standard EN 60317-27 : 1994. As a consequence of implementing the European Standard, this British Standard is renumbered as BS EN 60317-27 and any reference to BS 6811 : Section 8.1 should be read as a reference to BS EN 60317-27.

This Section of BS 6811 implements Harmonization Document HD 555.27 S2, published by the European Committee for Electrotechnical Standardization (CENELEC).

The introduction to IEC 317-27 reads as follows.

'This International Standard is one of a series which deals with insulated wires used for windings in electrical equipment. The series has three groups describing:

- 1) methods of test (IEC 851);
- 2) specifications (IEC 317);
- 3) packaging (IEC 264).'

NOTE. Reference should be made to BS 6811 : Part 0 *General introduction and list of Parts* which lists all standards in the BS 6811 series and gives their relationship with IEC publications.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Descriptors: Electric conductor, electric wire, winding, insulated wire, copper, paper, dimension, specification

English version

Specifications for particular types of winding wires Part 27: Paper covered rectangular copper wire (includes amendment A1 : 1994)

(IEC 317-27 : 1990 + A1 : 1993)

Spécifications pour types particuliers de fils de bobinage

Partie 27: Fil de section rectangulaire en cuivre recouvert de papier (inclut l'amendement A1 : 1994)

(CEI 317-27 : 1990 + A1 : 1993)

Technische Lieferbedingungen für bestimmte Typen von Wickeldrähten

Teil 27: Flachdrähte aus Kupfer, papierisoliert (enthält Änderung A1 : 1994)

(IEC 317-27 : 1990 + A1 : 1993)

This European Standard was approved by CENELEC on 1994-07-05. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard 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 European Standard 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

Foreword to EN 60317-27

At the request of the 78th Technical Board of CENELEC, HD 555.27 S2 : 1992 (IEC 317-27 : 1990) was submitted to the CENELEC voting procedure for conversion into a European Standard.

The text of the International Standard was approved by CENELEC as EN 60317-27 on 5 July 1994.

The following dates were fixed:

- latest date of publication of an identical national standard (dop) 1995-07-15
- latest date of withdrawal of conflicting national standards (dow) —

Annexes designated 'normative' are part of the body of the standard. Annexes designated 'informative' are given only for information. In this standard, annex ZA is normative and annex A is informative.

Foreword to amendment A1

The CENELEC questionnaire procedure, performed for finding out whether or not amendment 1 : 1993 to the International Standard IEC 317-27 : 1990 could be accepted without textual changes, has shown that no common modifications were necessary for the acceptance as a European Standard.

The reference document was submitted to the CENELEC members for formal vote and was approved by CENELEC as amendment A1 to EN 60317-27 on 5 July 1994.

The following dates were fixed:

- latest date of publication of an identical national standard (dop) 1995-07-15
- latest date of withdrawal of conflicting national standards (dow) 1995-07-15

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