



**National Standards Authority of Ireland**

**STANDARD**

**I.S. EN 60076-11:2004**

ICS 29.180

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**POWER TRANSFORMERS PART 11:  
DRY-TYPE TRANSFORMERS (IEC  
60076-11:2004)**

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EUROPEAN STANDARD

**EN 60076-11**

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2004

ICS 29.180

Supersedes EN 60726:2003

English version

**Power transformers**  
**Part 11: Dry-type transformers**  
(IEC 60076-11:2004)

Transformateurs de puissance  
Partie 11: Transformateurs de type sec  
(CEI 60076-11:2004)

Leistungstransformatoren  
Teil 11: Trockentransformatoren  
(IEC 60076-11:2004)

This European Standard was approved by CENELEC on 2004-07-01. 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.

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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 14/476/FDIS, future edition 1 of IEC 60076-11, prepared by IEC TC 14, Power transformers, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60076-11 on 2004-07-01.

This European Standard supersedes EN 60726:2003.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2005-04-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2007-07-01

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 60076-11:2004 was approved by CENELEC as a European Standard without any modification.

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## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE Where an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050	Series	International Electrotechnical Vocabulary	-	-
IEC 60071	Series	Insulation co-ordination	EN 60071	Series
IEC 60076-1 (mod) A1	1993 1999	Power transformers Part 1: General	EN 60076-1 A11 A1 A12	1997 1997 2000 2002
IEC 60076-2 (mod)	- <sup>1)</sup>	Part 2: Temperature rise	EN 60076-2	1997 <sup>2)</sup>
IEC 60076-3	- <sup>1)</sup>	Part 3: Insulation levels, dielectric tests and external clearances in air	EN 60076-3	2001 <sup>2)</sup>
IEC 60076-5	- <sup>1)</sup>	Part 5: Ability to withstand short circuit	EN 60076-5	2000 <sup>2)</sup>
IEC 60076-10	- <sup>1)</sup>	Part 10: Determination of sound levels	EN 60076-10	2001 <sup>2)</sup>
IEC 60085	- <sup>1)</sup>	Electrical insulation - Thermal classification	-	-
IEC 60270	- <sup>1)</sup>	High-voltage test techniques - Partial discharge measurements	EN 60270	2001 <sup>2)</sup>
IEC 60332-3-10	- <sup>1)</sup>	Test on electric cables under fire conditions Part 3-10: Test for vertical flame spread of vertically-mounted bunched wires or cables - Apparatus	-	-
IEC 60529	- <sup>1)</sup>	Degrees of protection provided by enclosures (IP Code)	EN 60529 + corr. May	1991 <sup>2)</sup> 1993
IEC 60905	1987	Loading guide for dry-type power transformers	-	-
IEC 61330	- <sup>1)</sup>	High-voltage/low-voltage prefabricated substations	EN 61330	1996 <sup>2)</sup>

<sup>1)</sup> Undated reference.

<sup>2)</sup> Valid edition at date of issue.

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**Transformateurs de puissance –**

**Partie 11:  
Transformateurs de type sec**

**Power transformers –**

**Part 11:  
Dry-type transformers**



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