



National Standards Authority of Ireland

IRISH STANDARD

**I.S. HD 60027-2:2003**

ICS 01.060

**LETTER SYMBOLS TO BE USED IN  
ELECTRICAL TECHNOLOGY  
PART 2: TELECOMMUNICATIONS AND  
ELECTRONICS  
(IEC 60027-2:2000)**

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*This Irish Standard was  
published under the  
authority of the National  
Standards Authority of  
Ireland  
and comes into effect on:  
June 6, 2003*

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Údarás um Chaighdeáin Náisiúnta na hÉireann



HARMONIZATION DOCUMENT

**HD 60027-2**

DOCUMENT D'HARMONISATION

HARMONISIERUNGSDOKUMENT

May 2003

ICS 01.060

Supersedes HD 245.2 S1:1983

English version

**Letter symbols to be used in electrical technology**  
**Part 2: Telecommunications and electronics**  
(IEC 60027-2:2000)

Symboles littéraux à utiliser  
en électrotechnique  
Partie 2: Télécommunications  
et électronique  
(CEI 60027-2:2000)

Formelzeichen für die Elektrotechnik  
Teil 2: Telekommunikation und Elektronik  
(IEC 60027-2:2000)

This Harmonization Document was approved by CENELEC on 2003-04-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this Harmonization Document on a national level.

Up-to-date lists and bibliographical references concerning such national implementation may be obtained on application to the Central Secretariat or to any CENELEC member.

This Harmonization Document exists in three official versions (English, French, German).

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, 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 the International Standard IEC 60027-2:2000, prepared by IEC TC 25, Quantities and units, and their letter symbols, was submitted to the Unique Acceptance Procedure and was approved by CENELEC as HD 60027-2 on 2003-04-01.

This Harmonization Document supersedes HD 245.2 S1:1983.

The following dates were fixed:

- latest date by which the existence of the HD has to be announced at national level (doa) 2003-10-01
- latest date by which the HD has to be implemented at national level by publication of a harmonized national standard or by endorsement (dop) 2004-04-01
- latest date by which the national standards conflicting with the HD have to be withdrawn (dow) 2006-04-01

Annexes designated "normative" are part of the body of the standard.  
In this standard Annex ZA is normative.  
Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 60027-2:2000 was approved by CENELEC as a Harmonization Document without any modification.

## Annex ZA (normative)

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

This Harmonization Document incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this Harmonization Document only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE When 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 60027-1	1992	Letter symbols to be used in electrical technology Part 1: General	-	-
IEC 60027-3	1989	Part 3: Logarithmic quantities and units	HD 245.3 S3 <sup>1)</sup>	2001
IEC 60050-131	1978	International Electrotechnical Vocabulary (IEV) Chapter 131: Electric and magnetic circuits	-	-
IEC 60050-351	1998	Part 351: Automatic control	-	-
IEC 60050-715	1996	Chapter 715: Telecommunication networks, teletraffic and operation	-	-
IEC 60050-726	1982	Chapter 726: Transmission lines and waveguides	-	-
IEC 60050-801	1994	Chapter 801: Acoustics and electroacoustics	-	-
IEC 60375	1972	Conventions concerning electric and magnetic circuits	-	-
IEC 60747-1	1983	Semiconductor devices - Discrete devices and integrated circuits Part 1: General	-	-
IEC 61178-1	1993	Quartz crystal units - A specification in the IEC Quality Assessment System for electronic Components (IECQ) Part 1: Generic specification	-	-
ISO 31-5	1992	Quantities and units Part 5: Electricity and magnetism	-	-
ISO 31-6	1992	Part 6: Light and related electromagnetic radiations	-	-
ISO 31-7	1992	Part 7: Acoustics	-	-
ISO 31-10	1992	Part 10: Nuclear reactions and ionizing radiations	-	-

<sup>1)</sup> HD 245.3 S3 is based on IEC 60027-3:1989 + A1:2000.

**NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD**

**CEI  
IEC**

**60027-2**

Deuxième édition  
Second edition  
2000-11

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**Symboles littéraux à utiliser en électrotechnique –**

**Partie 2:  
Télécommunications et électronique**

**Letter symbols to be used in electrical technology –**

**Part 2:  
Telecommunications and electronics**



Numéro de référence  
Reference number  
CEI/IEC 60027-2:2000

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