



NSAI
Standards

Irish Standard
I.S. EN 62329-1:2006&AC:2006

Heat shrinkable moulded shapes -- Part 1: Definitions and general requirements

I.S. EN 62329-1:2006&AC:2006

Incorporating amendments/corrigenda/National Annexes issued since publication:

EN 62329-1:2006/AC:2006

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EN 62329-1:2006

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National Foreword

I.S. EN 62329-1:2006&AC:2006 is the adopted Irish version of the European Document EN 62329-1:2006, Heat shrinkable moulded shapes -- Part 1: Definitions and general requirements

This document does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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In line with international standards practice the decimal point is shown as a comma (,) throughout this document.

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Corrigendum to EN 62329-1:2006

English version

Foreword

Replace the last paragraph by:

Annex ZA has been added by CENELEC.

Add Annex ZA (see overleaf):

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 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 60050-212	1990	International Electrotechnical Vocabulary (IEV) Chapter 212: Insulating solids, liquids and gases	-	-
IEC 62329-2	- ¹⁾	Heat shrinkable moulded shapes Part 2: Methods of test	EN 62329-2	2006 ²⁾

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 62329-1

March 2006

ICS 29.035.20

Incorporates Corrigendum December 2006

English version

Heat shrinkable moulded shapes
Part 1: Definitions and general requirements
(IEC 62329-1:2005)

Gaines thermorétractables
Partie 1: Définitions
et prescriptions générales
(CEI 62329-1:2005)

Wärmeschrumpfende Formteile
Teil 1: Begriffe
und allgemeine Anforderungen
(IEC 62329-1:2005)

This European Standard was approved by CENELEC on 2006-02-01. 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the 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 15/233/FDIS, future edition 1 of IEC 62329-1, prepared by IEC TC 15, Standards on specifications for electrical insulating materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62329-1 on 2006-02-01.

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) 2006-11-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2009-02-01

Annex ZA has been added by CENELEC.

The contents of the corrigendum of December 2006 have been included in this copy.

Endorsement notice

The text of the International Standard IEC 62329-1:2005 was approved by CENELEC as a European Standard without any modification.

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 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 60050-212	1990	International Electrotechnical Vocabulary (IEV) Chapter 212: Insulating solids, liquids and gases	-	-
IEC 62329-2	- ¹⁾	Heat shrinkable moulded shapes Part 2: Methods of test	EN 62329-2	2006 ²⁾

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

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INTERNATIONAL STANDARD

**IEC
62329-1**

First edition
2005-11

Heat shrinkable moulded shapes –

**Part 1:
Definitions and general requirements**



Reference number
IEC 62329-1:2005(E)

Publication numbering

As from 1 January 1997 all IEC publications are issued with a designation in the 60000 series. For example, IEC 34-1 is now referred to as IEC 60034-1.

Consolidated editions

The IEC is now publishing consolidated versions of its publications. For example, edition numbers 1.0, 1.1 and 1.2 refer, respectively, to the base publication, the base publication incorporating amendment 1 and the base publication incorporating amendments 1 and 2.

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- **IEC Just Published**
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INTERNATIONAL STANDARD

IEC
62329-1

First edition
2005-11

Heat shrinkable moulded shapes –

Part 1: Definitions and general requirements

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

HEAT SHRINKABLE MOULDED SHAPES –

Part 1: Definitions and general requirements

FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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This International Standard has been prepared by IEC technical committee 15: Standards on specifications for electrical insulating materials.

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

FDIS	Report on voting
15/233/FDIS	15/262/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

INTRODUCTION

This standard is one of a series which deals with heat shrinkable moulded shapes for electrical insulation purposes. The series will consist of three parts:

- Part 1: Definitions and general requirements
- Part 2: Methods of test
- Part 3: Specification requirements for shape dimensions, material requirements and compatibility performance

HEAT SHRINKABLE MOULDED SHAPES –

Part 1: Definitions and general requirements

1 Scope

This standard is applicable to heat shrinkable moulded shapes in a range of configurations and materials suitable for insulation, environmental sealing, mechanical protection and strain relief for connector/cable terminations and multi-way transitions. It specifies the design and dimensions, test methods, material requirements and compatibility performance. The most commonly available shapes are as shown in Annex A.

Materials which conform to this specification meet established levels of performance. However, the selection of a material by a user for a specific application should be based on the actual requirements necessary for adequate performance in that application and not based on this specification alone.

2 Normative references

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.

IEC 60050(212):1990, *International Electrotechnical Vocabulary – Chapter 212: Insulating solids, liquids and gases*

IEC 62329-2: *Heat shrinkable moulded shapes – Part 2: Methods of test* ¹

3 Terms and definitions

For the purposes of this document, the terms and definitions of the International Electrotechnical Vocabulary IEC 60050-212, Section 1 (Terms relating to electrical properties), apply as well as the following:

3.1

central value

the middle result of an odd number of measurements or the mean of the two middle results of an even number of measurements when arranged in order of magnitude

3.2

consignment

all shapes of one size, type, grade and colour submitted for delivery at the same time

¹ To be published

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