SLOVENSKI STANDARD
SIST EN 60229:2008

01-september-2008

Električni kabli - Preskusi na ekstrudiranih zunanjih plaščih s posebno zaščitno funkcijo (IEC 60229:2007)

Electric cables - Tests on extruded oversheaths with a special protective function

Starkstromkabel - Prüfungen an extrudierten Außenmänteln mit besonderer Schutzfunktion

Câbles électriques - Essais sur les gaines extérieures extrudées avec fonction spéciale de protection

Ta slovenski standard je istoveten z: **EN 60229:2008**

ICS:

29.060.20 Kabli Cables

SIST EN 60229:2008 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 60229

June 2008

ICS 29.060.20

English version

Electric cables - Tests on extruded oversheaths with a special protective function

(IEC 60229:2007)

Câbles électriques -
Essais sur les gaines extérieures extrudées avec fonction spéciale de protection
(CEI 60229:2007)

Starkstromkabel -
Prüfungen an extrudierten Außenmänteln mit besonderer Schutzfunktion
(IEC 60229:2007)

This European Standard was approved by CENELEC on 2008-05-01. 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, Bulgaria, 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

Ref. No. EN 60229:2008 E

Foreword

The text of the International Standard IEC 60229:2007, prepared by IEC TC 20, Electric cables, was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 60229 on 2008-05-01 without any modification.

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)	2009-05-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2011-05-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60229:2007 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 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Publication	Year	Title	EN/HD	Year
IEC 60230	-[1)]	Impulse tests on cables and their accessories	EN 60230	2002[2)]
IEC 62230	-[1)]	Electric cables - Spark-test method	EN 62230	2007[2)]

1) Undated reference.

2) Valid edition at date of issue.

IEC 60229

Edition 3.0 2007-10

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Electric cables – Tests on extruded oversheaths with a special protective function

Câbles électriques – Essais sur les gaines extérieures extrudées avec fonction spéciale de protection

INTERNATIONAL ELECTROTECHNICAL COMMISSION

COMMISSION ELECTROTECHNIQUE INTERNATIONALE

PRICE CODE
CODE PRIX L

ICS 29.060.20

ISBN 2-8318-9338-0

CONTENTS

INTERNATIONAL ELECTROTECHNICAL COMMISSION

ELECTRIC CABLES – TESTS ON EXTRUDED OVERSHEATHS WITH A SPECIAL PROTECTIVE FUNCTION

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.
2) The formal decisions or agreements of IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested IEC National Committees.
3) IEC Publications have the form of recommendations for international use and are accepted by IEC National Committees in that sense. While all reasonable efforts are made to ensure that the technical content of IEC Publications is accurate, IEC cannot be held responsible for the way in which they are used or for any misinterpretation by any end user.
4) In order to promote international uniformity, IEC National Committees undertake to apply IEC Publications transparently to the maximum extent possible in their national and regional publications. Any divergence between any IEC Publication and the corresponding national or regional publication shall be clearly indicated in the latter.
5) IEC provides no marking procedure to indicate its approval and cannot be rendered responsible for any equipment declared to be in conformity with an IEC Publication.
6) All users should ensure that they have the latest edition of this publication.
7) No liability shall attach to IEC or its directors, employees, servants or agents including individual experts and members of its technical committees and IEC National Committees for any personal injury, property damage or other damage of any nature whatsoever, whether direct or indirect, or for costs (including legal fees) and expenses arising out of the publication, use of, or reliance upon, this IEC Publication or any other IEC Publications.
8) Attention is drawn to the Normative references cited in this publication. Use of the referenced publications is indispensable for the correct application of this publication.
9) Attention is drawn to the possibility that some of the elements of this IEC Publication may be the subject of patent rights. IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 60229 has been prepared by IEC technical committee 20: Electric cables.

This third edition cancels and replaces the second edition published in 1982 and constitutes a technical revision.

The significant technical changes with respect to the previous edition are as follows:

– The text has been modified in order to consider the function of the oversheath, irrespective of the way the metallic sheath or screen of the cable is earthed because, in some cases, the oversheath is designed to act not only as a protection against corrosion, but also to reduce the risk of degradation of the cable insulation system. This requirement may be independent of the nature of the insulation and independent of the rated voltage of the cable.
– More precise wording has been introduced regarding the application of some tests (if the sheaths or foils are bonded to the oversheath or not).
– The test requirements have been revised in order to be in line with the standards published after the second edition.