SVENSK STANDARD SS-EN 61479

Fastställd	Utgåva	Sida	Ingår i
2001-09-28	1	1 (1+40)	SEK Område 78

Svenska Elektriska Kommissionen, SEK

Arbete med spänning – Flexibla isolerande linskydd

Live working –
Flexible conductor covers (line hoses) of insulating material

Som svensk standard gäller europastandarden EN 61479:2001. Den svenska standarden innehåller den officiella engelska språkversionen av EN 61479:2001.

Nationellt förord

Europastandarden EN 61479:2001

består av:

– **europastandardens ikraftsättningsdokument,** utarbetat inom CENELEC
– **IEC 61479, First edition, 2001 - Live working - Flexible conductor covers (line hoses) of insulating material**

utarbetad inom International Electrotechnical Commission, IEC.

ICS 13.260; 29.240.20; 29.260.99

Denna standard är fastställd av Svenska Elektriska Kommissionen, SEK,
som också kan lämna upplysningar om **sakinnehållet** i standarden.
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EUROPEAN STANDARD **EN 61479**

NORME EUROPÉENNE

EUROPÄISCHE NORM June 2001

ICS 13.260; 29.240.20; 29.260.99

English version

Live working - Flexible conductor covers (line hoses) of insulating material
(IEC 61479:2001)

Travaux sous tension - Protecteurs de conducteurs flexibles en matériau isolant (CEI 61479:2001)

Arbeiten unter Spannung - Flexible Leiterseilabdeckungen aus isolierendem Material (IEC 61479:2001)

This European Standard was approved by CENELEC on 2001-05-01. 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, Czech Republic, 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

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Foreword

The text of document 78/350/FDIS, future edition 1 of IEC 61479, prepared by IEC TC 78, Live working, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61479 on 2001-05-01.

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) 2002-02-01

– latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2004-05-01

Annexes designated "normative" are part of the body of the standard.
Annexes designated "informative" are given for information only.
In this standard, annexes A, B, C, D and ZA are normative and annexes E, F and G are informative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61479:2001 was approved by CENELEC as a European Standard without any modification.

Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

This European Standard 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 European Standard 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.

Publication	Year	Title	EN/HD	Year
IEC 60050-151	1978	International Electrotechnical Vocabulary (IEV) Chapter 151: Electrical and magnetic devices	-	-
IEC 60050-212	1990	Chapter 212: Insulating solids, liquids and gases	-	-
IEC 60050-601	1985	Chapter 601: Generation, transmission and distribution of electricity - General	-	-
IEC 60050-651	1999	Part 651: Live working	-	-
IEC 60060-1 + corr. March	1989 1990	High-voltage test techniques Part 1: General definitions and test requirements	HD 588.1 S1	1991
IEC 60060-2	1994	Part 2: Measuring systems	EN 60060-2 + A11	1994 1998
IEC 60212	1971	Standard conditions for use prior to and during the testing of solid electrical insulating materials	HD 437 S1	1984
IEC 61318	1994	Live working - Guidelines for quality assurance plans	-	-
ISO 472	1999	Plastics - Vocabulary	-	-
ISO 1817	1999	Rubber, vulcanized - Determination of the effect of liquids	-	-
ISO 2592	2000	Determination of flash and fire points - Cleveland open cup method	-	-
ISO 2859-1	1999	Sampling procedures for inspection by attributes Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection	-	-

Publication	Year	Title	EN/HD	Year
ISO 2977	1997	Petroleum products and hydrocarbon solvents - Determination of aniline point and mixed aniline point	-	-
ISO 3104	1994	Petroleum products - Transparent and opaque liquids - Determination of kinematic viscosity and calculation of dynamic viscosity	EN ISO 3104	1996
ISO 9001	1994	Quality systems - Model for quality assurance in design/ development, production, installation and servicing	EN ISO 9001	1994
ISO 9002	1994	Quality systems - Model for quality assurance in production, installation and servicing	EN ISO 9002	1994
ISO 9003	1994	Quality systems - Model for quality assurance in final inspection and test	EN ISO 9003	1994

CONTENTS

LIVE WORKING – FLEXIBLE CONDUCTOR COVERS (LINE HOSES) OF INSULATING MATERIAL

1 Scope

This International Standard is applicable to flexible insulating covers (line hoses) for the protection of workers from accidental contact with live or earthed electrical conductors and for the avoidance of short circuits during live working.

1.1 Classes

Five classes of conductor covers, differing in electrical characteristics, are provided and designated as class 0, class 1, class 2, class 3, and class 4.

1.2 Categories

Six categories of conductor covers differing in composition and properties are provided: category A – acid resistant, category H – oil resistant, category C – formulated for extreme low temperature environments, category W – formulated for extreme high temperature environments, category Z – ozone resistant, and category P – formulated for humid environment.

NOTE Types II and III material of ASTM D-1050 would be category Z.

1.3 Styles

Various styles of conductor covers, differing in construction characteristics are available and six of these are designated as style A, style B, style C, style D, style E, (see figure 1), and style F.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of IEC and ISO maintain registers of currently valid International Standards.

IEC 60050(151):1978, *International Electrotechnical Vocabulary (IEV) – Chapter 151: Electrical and magnetic devices*

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

IEC 60050(601):1985, *International Electrotechnical Vocabulary (IEV) – Chapter 601: Generation, transmission and distribution of electricity – General*

IEC 60050(651):1999, *International Electrotechnical Vocabulary (IEV) – Chapter 651: Live working*