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SVENSK STANDARD SS-EN 60265-1

Handläggande organ	Fastställd	Utgåva	Sida	Ingår i
Svenska Elektriska Kommissionen, SEK	1998-06-26	1	1 (1+53)	SEK Översikt 17A
				Reg 428 03 13

Kopplingsapparater för spänning över 1 kV – Del 1: Lastbrytare och lastfrånskiljare för spänning över 1 kV och lägre än 52 kV

High-voltage switches –
Part 1: Switches for rated voltages above 1 kV and less than 52 kV

Som svensk standard gäller europastandarden EN 60265-1:1998. Den svenska standarden innehåller den officiella engelska språkversionen av EN 60265-1:1998.

Nationellt förord

Europastandarden EN 60265-1:1998

består av:

– **europastandardens ikraftsättningsdokument,** utarbetat inom CENELEC
– **IEC 60265-1, Third edition, 1998 - High-voltage switches - Part 1: Switches for rated voltages above 1 kV and less than 52 kV**

utarbetad inom International Electrotechnical Commission, IEC.

Tidigare utgiven svensk standard SS-IEC 265-1, utgåva 1, 1990, gäller ej fr o m 2001-01-01.

ICS 29.120.40

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 60265-1

April 1998

ICS 29.120.40

Supersedes HD 355.1 S3:1995

Descriptors: Switches, high voltage, tests, characteristics

English version

High-voltage switches
Part 1: Switches for rated voltages above 1 kV and less than 52 kV
(IEC 60265-1:1998)

Interrupteurs à haute tension
Partie 1: Interrupteurs pour tensions assignées supérieures à 1 kV et inférieures à 52 kV
(CEI 60265-1:1998)

Hochspannungs-Lastschalter
Teil 1: Hochspannungs-Lastschalter für Nennspannungen über 1 kV und unter 52 kV
(IEC 60265-1:1998)

This European Standard was approved by CENELEC on 1998-04-01. 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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Ref. No. EN 60265-1:1998 E

Foreword

The text of document 17A/512/FDIS, future edition 3 of IEC 60265-1, prepared by SC 17A, High-voltage switchgear and controlgear, of IEC TC 17, Switchgear and controlgear, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60265-1 on 1998-04-01.

This European Standard supersedes HD 355.1 S3:1995.

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) 1999-01-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2001-01-01

This standard refers to EN 60694:1996, which is applicable unless otherwise specified in this standard. In order to simplify the indication of corresponding requirements, the same numbering of clauses and subclauses is used as in EN 60694. Amendments to these clauses and subclauses are given under the same references whilst additional subclauses are numbered from 101.

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.

Endorsement notice

The text of the International Standard IEC 60265-1:1998 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(441)	1984	International Electrotechnical Vocabulary (IEV) Chapter 441: Switchgear, controlgear and fuses	-	-
IEC 60056 (mod)	1987	High-voltage alternating-current circuit-breakers	HD 348 S7[1)]	1998
IEC 60059	1938	IEC standard current ratings	-	-
IEC 60071-1	1993	Insulation co-ordination Part 1: Definitions, principles and rules	EN 60071-1	1995
IEC 60129	1984	Alternating current disconnectors and earthing switches	EN 60129	1994
IEC 60420	1990	High-voltage alternating current switch-fuse combinations	EN 60420	1993
IEC 60694	1996	Common specifications for high-voltage switchgear and controlgear standards	EN 60694 + corr. April	1996 1998
IEC 61233	1994	High-voltage alternating current circuit-breakers - Inductive load switching	-	-

1) HD 348 S7 includes A3:1996 to IEC 60056, mod.

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HIGH-VOLTAGE SWITCHES –

Part 1: Switches for rated voltages above 1 kV and less than 52 kV

1 General

1.1 Scope

This part of IEC 60265 is applicable to three-phase, alternating current switches and switch-disconnectors having making and breaking current ratings, for indoor and outdoor installations, for rated voltages above 1 kV and less than 52 kV and for rated frequencies from 16 2/3 Hz up to and including 60 Hz.

This standard is also applicable to the operating devices of these switches and to their auxiliary equipment.

Switch-disconnectors are also covered by IEC 60129.

General principles and provisions of this standard may also be applicable to single pole switches intended for application in single-phase systems. The requirements for dielectric tests and making and breaking tests should be in accordance with the requirements of the specific application.

NOTE 1 – Except where special clarification is required, the term "switch" is used to refer to all kinds of switches and switch-disconnectors within the scope of this standard.

NOTE 2 – Earthing switches are not covered by this standard. Earthing switches forming an integral part of a switch are covered by IEC 60129.

NOTE 3 – This standard is not applicable to switching devices attached as an accessory to a high-voltage fuse assembly or its mounting and operated by opening and closing the fuse assembly.

1.2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of IEC 60265. At the time of publication, the editions indicated were valid. All normative documents are subject to revision, and parties to agreements based on this part of IEC 60265 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

IEC 60050(441):1984, *International Electrotechnical Vocabulary (IEV) – Chapter 441: Switchgear, controlgear and fuses*

IEC 60056:1987, *High-voltage alternating-current circuit-breakers*

IEC 60059:1938, *IEC standard current ratings*

IEC 60071-1:1993, *Insulation coordination – Part 1: Definitions, principles and rules*

IEC 60129:1984, *Alternating current disconnectors and earthing switches*

IEC 60420:1990, *High-voltage alternating current switch-fuse combinations*