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SVENSK STANDARD SS-EN 60439-2

Handläggande organ	Fastställd	Utgåva	Sida	Ingår i
Svenska Elektriska Kommissionen, SEK	2000-12-01	2	1 (1+34)	SEK Översikt 17D
				Reg 436 21 32

Kopplingsutrustningar för högst 1000 V växelspänning eller 1500 V likspänning – Del 2: Särskilda fordringar på kanalskenfördelningar

Low-voltage switchgear and controlgear assemblies –
Part 2: Particular requirements for busbar trunking systems (busways)

Som svensk standard gäller europastandarden EN 60439-2:2000. Den svenska standarden innehåller den officiella engelska språkversionen av EN 60439-2:2000.

Nationellt förord

Europastandarden EN 60439-2:2000

består av:

– **europastandardens ikraftsättningsdokument,** utarbetat inom CENELEC

– **IEC 60439-2:2000, Third edition, 2000 - Low-voltage switchgear and controlgear assemblies - Part 2: Particular requirements for busbar trunking systems (busways)**

utarbetad inom International Electrotechnical Commission, IEC.

Standarden skall användas tillsammans med SS-EN 60439-1, utgåva 3, 2000.

Tidigare utgiven svensk standard SS-EN 60439-2, utgåva 1, 1993, gäller ej fr o m 2003-04-01.

ICS 29.130.20

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EUROPEAN STANDARD **EN 60439-2**

NORME EUROPÉENNE

EUROPÄISCHE NORM May 2000

ICS 29.130.20 Supersedes EN 60439-2:1993

English version

Low-voltage switchgear and controlgear assemblies
Part 2: Particular requirements for busbar trunking systems (busways)
(IEC 60439-2:2000)

Ensembles d'appareillage à basse tension
Partie 2: Règles particulières
pour les canalisations préfabriquées
(CEI 60439-2:2000)

Niederspannung-
Schaltgerätekombinationen
Teil 2: Besondere Anforderungen
an Schienenverteiler
(IEC 60439-2:2000)

This European Standard was approved by CENELEC on 2000-04-01. 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 60439-2:2000 E

Foreword

The text of document 17D/225/FDIS, future amendment to IEC 60439-2:1987, prepared by SC 17D, Low-voltage switchgear and controlgear assemblies, of IEC TC 17, Switchgear and controlgear, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A2 to EN 60439-2:1993 on 2000-04-01.

The text of this document, together with that of IEC 60439-2:1987 and its amendment 1:1991, was published by IEC as the third edition of IEC 60439-2 in March 2000. According to a decision of principle taken by the Technical Board of CENELEC, the approval of EN 60439-2:1993/A2 has been converted into the approval of a new EN 60439-2.

This European Standard supersedes EN 60439-2:1993.

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) 2001-01-01

– latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2003-04-01

Annexes designated "normative" are part of the body of the standard.
Annexes designated "informative" are given for information only.
In this standard, annex ZA is normative and annexes J, K, L, M and N are informative.
Annex ZA has been added by CENELEC.

Busbar trunking systems (busways) shall comply with all requirements of EN 60439-1, if not otherwise indicated hereinafter and shall also comply with the particular requirements contained in this standard.

The clauses of this standard supplement, modify or replace the corresponding clauses in EN 60439-1.

Where there is no corresponding clause or subclause in this standard, the clause or subclause of the main document applies without modification as far as is reasonable.

In view of the fact that this standard should be read in conjunction with EN 60439-1, the numbering of its clauses and subclauses corresponds to the latter.

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Endorsement notice

The text of the International Standard IEC 60439-2:2000 was approved by CENELEC as a European Standard without any modification.

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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 60269	Series	Low-voltage fuses	EN 60269	Series
IEC 60332-3	1992	Tests on electric cables under fire conditions Part 3: Tests on bunched wires or cables	HD 405.3 S1	1993
IEC 60439-1	1999	Low-voltage switchgear and controlgear assemblies Part 1: Type-tested and partially type-tested assemblies	EN 60439-1	1999
IEC 60570	1995	Electrical supply track systems for luminaires	EN 60570 + A11 + corr. January + A12	1996 1998 1999 2000
IEC 60695-2-1/X	1994	Fire hazard testing Part 2-1: Test methods - Glow wire	EN 60695-2-1/X	1996
IEC 60909 (mod)	1988	Short-circuit current calculation in three-phase a.c. systems	HD 533 S1	1991
IEC 60947-2	1995	Low-voltage switchgear and controlgear Part 2: Circuit-breakers	EN 60947-2 + corr. June	1996 1997
ISO 834-1	1999	Fire-resistance tests Elements of building construction Part 1: General requirements	-	-

CONTENTS

LOW-VOLTAGE SWITCHGEAR AND CONTROLGEAR ASSEMBLIES –

Part 2: Particular requirements for busbar trunking systems (busways)

1 General

1.1 Scope and object

Add the following paragraphs:

This International Standard applies to busbar trunking systems (BTS) and their accessories for feeding and distributing electrical power in residential, retail, public, agricultural and industrial premises. It also applies to busbar trunking systems which are designed to incorporate communication and/or control systems or intended to supply luminaires through tap-off units but does not apply to supply track systems in accordance with IEC 60570.

The busbar trunking systems considered in this standard are type-tested ASSEMBLIES (TTA) when tested in accordance with clause 8 of this standard; variations in length and angles of bends are considered to be covered.

Tap-off units may be partially type-tested ASSEMBLIES (PTTA).

1.2 Normative references

Insert in the existing list the titles of the following standards:

IEC 60269 (all parts), *Low-voltage fuses*

IEC 60332-3:1992, *Tests on electric cables under fire conditions – Part 3: Tests on bunched wires or cables*

IEC 60439-1:1999, *Low-voltage switchgear and controlgear assemblies – Part 1: Type-tested and partially type-tested assemblies*

IEC 60570:1995, *Electrical supply track systems for luminaires*[*]

IEC 60695-2-1, *Fire hazard testing – Part 2-1: Test methods – Glow wire*

IEC 60909:1988, *Short-circuit current calculation in three-phase a.c. systems*

IEC 60947-2:1995, *Low-voltage switchgear and controlgear – Part 2: Circuit-breakers*[**]

ISO 834-1:1999, *Fire-resistance tests – Elements of building construction – Part 1: General requirements*

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[*] There is a consolidated edition 1.1 (1998) that includes IEC 60570 (1995) and amendment 1 (1998).

[**] There is a consolidated edition 2.1 (1998) that includes IEC 60947-2 (1995) and amendment 1 (1997).