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**Kopplingsutrustningar för högst 1000 V växelspanning
eller 1500 V likspänning — Del 3: Bostadscentraler —
Särskilda fordringar på kopplingsutrustningar för lågspänning,
avsedda att installeras i lokaler där icke fackkunniga eller
icke särskilt instruerade personer har tillträde för betjäning**

Low-voltage switchgear and controlgear assemblies —

Part 3: Particular requirements for 10 low-voltage switchgear

and controlgear assemblies intended to be installed in places

where unskilled persons have access for their use

Denna svenska standard överensstämmer med europastandard EN 60 439-3, 1991, utarbetad inom CENELEC, vilken ikraftsätter nedan angiven del av den inom International Electrotechnical Commission, IEC, utarbetade internationella standarden:

IEC 439

Low voltage switchgear and controlgear assemblies

IEC 439-3, First edition, 1990

Part 3:

**Particular requirements for low-voltage
switchgear and controlgear assemblies
intended to be installed in places where
unskilled persons have access for their use**

Nationellt förord

I den svenska standarden återges den engelskspråkiga versionen av IEC 439-3 tillsammans med en svensk översättning.

Avsnitten i denna standard kompletterar, ändrar eller ersätter motsvarande avsnitt i SS-EN 60 439-1, som bortsett från anmärkningar och avvikelser (CENELEC common modifications) överensstämmer med IEC 439-1. Där motsvarande avsnitt saknas i denna standard gäller avsnitten i SS-EN 60 439-1 utan ändringar.

Då standarden skall användas tillsammans med SS-EN 60 439-1, överensstämmer numreringen av avsnitten och underavsnitten med motsvarande i den senare.

UDK 621.316.54.027.2:621.315.67

Standarder kan beställas hos SIS som även lämnar allmänna upplysningar om svensk och utländsk standard.
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Descriptors: Low voltage switchgear, assemblies, unskilled persons

ENGLISH VERSION

LOW-VOLTAGE SWITCHGEAR AND CONTROLGEAR ASSEMBLIES
PART 3: PARTICULAR REQUIREMENTS FOR LOW-VOLTAGE
SWITCHGEAR AND CONTROLGEAR ASSEMBLIES INTENDED TO
BE INSTALLED IN PLACES WHERE UNSKILLED PERSONS
HAVE ACCESS FOR THEIR USE - DISTRIBUTION BOARDS
(IEC 439-3:1991, modified)

Ensembles d'appareillage à basse
tension
Troisième partie: Règles
particulières pour ensembles
d'appareillage BT destinés à être
installés en des lieux accessibles à
des personnes non qualifiées pendant
leur utilisation
Tableaux de repartition
(CEI 439-3:1990, modifiée)

Niederspannungs-Schaltgeräte-
kombinationen
Teil 3: Besondere Anforderungen an
Niederspannung-Schaltgeräte-
kombinationen zu deren Bedienung
Laien Zutritt haben
Installationsverteiler
(IEC 439-3:1990, modifiziert)

This European Standard was approved by CENELEC on 1990-12-10.
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,
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

FOREWORD

Following the decision taken by CENELEC Technical Committee TC 17D at their Brussels meeting in October 1989, the International Standard IEC 439-3:1990, together with the common modifications prepared by CLC/TC 17D, was submitted to the CENELEC Unique Acceptance Procedure (UAP) in April 1990 for acceptance as a European Standard.

The text of the draft was approved by CENELEC as EN 60439-3 on 10 December 1990.

The following dates were fixed:

- latest date of publication of
an identical national standard (dop) 1991-12-01
- latest date of withdrawal of
conflicting national standards (dow) 1991-12-01

For products which have complied with the relevant national standard before 1991-12-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 1996-12-01.

ENDORSEMENT NOTICE

The text of the International Standard IEC 439-3:1990 was approved by CENELEC as a European Standard with agreed common modifications as given below.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

INTERNATIONAL ELECTROTECHNICAL COMMISSION

LOW-VOLTAGE SWITCHGEAR AND CONTROLGEAR ASSEMBLIES

Part 3: Particular requirements for low-voltage switchgear and controlgear assemblies intended to be installed in places where unskilled persons have access for their use - Distribution boards

FOREWORD

- 1) The formal decisions or agreements of the IEC on technical matters, prepared by Technical Committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 2) They have the form of recommendations for international use and they are accepted by the National Committees in that sense.
- 3) In order to promote international unification, the IEC expresses the wish that all National Committees should adopt the text of the IEC recommendation for their national rules in so far as national conditions will permit. Any divergence between the IEC recommendation and the corresponding national rules should, as far as possible, be clearly indicated in the latter.
- 4) The IEC has not laid down any procedure concerning marking as an indication of approval and has no responsibility when an item of equipment is declared to comply with one of its recommendations.

This standard has been prepared by Sub-Committee 17D: Low-voltage switchgear and controlgear assemblies, of IEC Technical Committee No. 17: Switchgear and controlgear.

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

Six Months' Rule	Report on Voting
17D(CO)36	17D(CO)40

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

Distribution boards shall comply with all requirements of IEC 439-1 (1985): Low-voltage switchgear and controlgear assemblies, Part 1: Requirements for type-tested and partially type-tested assemblies, if not otherwise indicated hereinafter and shall also comply with the particular requirements contained in this publication.

The clauses of this standard supplement, modify or replace clauses in IEC 439-1 (1985).

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Where there is no corresponding clause or sub-clause in this standard, the clause or sub-clause of the main document applies without modification.

In view of the fact that this publication should be read in conjunction with IEC 439-1, the numbering of its clauses and sub-clauses correspond to the latter.

The following IEC publications are quoted in this standard:

Publications Nos. 269-3 (1987): Low-voltage fuses, Part 3: Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household and similar applications).

529 (1989): Degrees of protection provided by enclosures (IP Code)

695-2-1 (1980): Fire hazard testing, Part 2: Test methods - Glow-wire test and guidance.

Other publication quoted:

ISO 4046 (1978): Paper, board, pulp and related terms - Vocabulary.

Där motsvarande avsnitt eller underavsnitt saknas i denna standard gäller avsnitten eller underavsnitten i SS-EN 60 439-1 utan ändringar.

Då standarden skall användas tillsammans med SS-EN 60 439-1, överensstämmer numreringen av avsnitten och underavsnitten med motsvarande i den senare.

Referenser

I standarden hänvisas till följande publikationer:

IEC 529	Degrees of protection provided by enclosures (IP Code)
IEC 269-3	Low-voltage fuses – Part 3: Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household and similar applications)
IEC 695-2-1	Glow-wire test and guidance
ISO 4046	Paper, board, pulp and related terms – Vocabulary

Nationellt tillägg

Motsvarande svensk standard – i förekommande fall – framgår av uppgifter i SEK Handbok 403 eller i katalog över svensk standard.

LOW-VOLTAGE SWITCHGEAR AND CONTROLGEAR ASSEMBLIES

Part 3: Particular requirements for low-voltage switchgear and controlgear assemblies intended to be installed in places where unskilled persons have access for their use - Distribution boards

1 General

1.1 Scope

Replace the second note by:

This standard gives supplementary requirements for such enclosed distribution boards (DBU), which are stationary, type tested assemblies (TTA) for indoor use, containing protective devices and intended for use either in domestic (household) applications or in other places where unskilled persons have access for their use. Control and/or signalling devices may also be included. They are for use on a.c., with a nominal voltage to earth not exceeding 300 V. The outgoing circuits contain short-circuit protective devices, each having a rated current not exceeding 125 A with a total incoming load current not exceeding 250 A.

NOTE - The nominal voltage to earth in an IT system is taken as the nominal voltage of the system.

Unskilled persons normally have access to these assemblies, e.g. for switching operations and for replacing fuse-links.

Requirements for assemblies for outdoor use are under consideration.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

1 Allmänt

1.1 Omfattning

Ersätt andra anm med:

Denna standard anger tilläggskrav på sådana kapslade centraler som är stationära, typprovade kopplingsutrustningar (TTA) för inomhusuppställning, försedda med skyddsanordningar och avsedda att användas antingen i bostäder eller i andra lokaler där icke fackkunniga eller icke särskilt instruerade personer har tillträde för betjäning. Kontroll- och/eller signalutrustningar kan också ingå. De är avsedda för anslutning till växelspanning med en nominell spänning till jord som ej överstiger 300 V. Utgående ledningar är försedda med kortslutningsskydd, vart och ett med en märkström som inte överstiger 125 A. Den inkommande totala belastningsströmmen skall ej vara högre än 250 A.

Anm — Nominell spänning till jord i ett IT system anges som systemets nominella spänning.

Icke fackkunniga eller icke särskilt instruerade personer har normalt tillträde till dessa kopplingsutrustningar t ex för att utföra kopplingsmanövrer eller att byta säkringspatroner.

Krav på kopplingsutrustningar för utomhusuppställning är under övervägande.

