

Low-voltage switchgear and controlgear assemblies —

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

The European Standard EN 60439-2:1993 has the status of a
British Standard

UDC 621.316.54

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Power Electrical Engineering Standards Committee (PEL/-) to Technical Committee PEL/12 upon which the following bodies were represented:

- ASTA Certification Services
- Association of British Mining Equipment Companies
- Association of Supervisory and Executive Engineers
- British Gas plc
- Building Employers' Confederation
- Department of Trade and Industry, Consumer Safety Unit, CA Division
- Electrical Contractors' Association
- Electrical Installation Equipment Manufacturers' Association (BEAMA Ltd)
- Electricity Supply Industry in England and Wales
- Engineering Equipment and Materials Users' Association
- ERA Technology Ltd
- GAMBICA (BEAMA Ltd)
- Health and Safety Executive
- National Inspection Council for Electrical Installation Contracting
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This British Standard, having been prepared under the direction of the Power Electrical Engineering Standards Committee, was published under the authority of the Board of BSI and comes into effect on 30 November 1988

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National foreword

This Part of BS 5486 has been prepared under the direction of the Power Electrical Engineering Standards Committee and supersedes BS 5486-2:1978, which is withdrawn. It is identical with IEC Publication 439-2:1987 “Low-voltage switchgear and controlgear assemblies, Part 2: Particular requirements for busbar trunking systems (busways)”, published by the International Electrotechnical Commission (IEC).

In 1993 the European Committee for Electrotechnical Standardization (CENELEC) accepted IEC 439-2:1987 as European Standard EN 60439-2:1993. As a consequence of implementing the European Standard this British Standard is renumbered as BS EN 60439-2 and any reference to BS 5486-2 should be read as a reference to BS EN 60439-2.

This Part of BS 5486 is a supplement to BS 5486-1, which specifies the general requirements for busbar trunking systems.

The following is adapted from the IEC preface.

Busbar trunking systems (busways) shall comply with all the general requirements specified in BS 5486-1, unless otherwise indicated in this Part of BS 5486, and shall also comply with the additional particular requirements contained in this Part.

This Part shall be read in conjunction with BS 5486-1. Its clauses and subclauses modify or replace the corresponding clauses of BS 5486-1; their numbering therefore corresponds to the latter.

Where there is no corresponding clause or subclause in this Part, the clause or subclause of BS 5486-1 shall apply without modification.

Terminology and conventions. The text of the international standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards.

Cross-references

International standard	Corresponding British Standard
IEC 439-1:1985	BS 5486 Low-voltage switchgear and controlgear assemblies Part 1:1986 Specification for type-tested and partially type-tested assemblies (general requirements) (Identical)

The Technical Committee has reviewed the provisions of IEC 570, to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard.

A related British Standard for IEC 570 is BS 4533 “Luminaires” Section 2.6:1979 “Electrical supply track systems for luminaires”.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 12, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

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Descriptors: Low-voltage switchgear and controlgear, assembly, busbar trunking system

English version

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

(IEC 439-2:1987 + A1:1991, modified)

Ensembles d'appareillage à basse tension
Deuxième partie: Règles particulières pour les
canalisations préfabriquées
(CEI 439-2:1987 + A1:1991, modifiés)

Niederspannung-Schaltgeräte-kombinationen
Teil 2: Besondere Anforderungen an
Schienenverteiler
(IEC 439-2:1987 + A1:1991, modifiziert)

This European Standard was approved by CENELEC on 1991-12-10. 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

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Foreword

The CENELEC questionnaire procedure, performed for finding out whether or not the International Standard IEC 439-2:1987 could be accepted without textual changes, has shown that some common modifications were necessary for the acceptance as European Standard.

The reference document, together with the common modifications prepared by the CENELEC Technical Committee TC 17D, Low-voltage switchgear and controlgear assemblies, and its amendment 1:1991 was submitted to the CENELEC members for formal vote.

The text of the draft was approved by CENELEC as EN 60439-2 on 10 December 1991.

The following dates were fixed:

- latest date of publication
of an identical national
standard (dop) 1993-12-01
- latest date of withdrawal
of conflicting national
standards (dow) 1993-12-01

For products which have complied with the relevant national standard before 1993-12-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 1998-12-01.

As agreed previously, the terms defined in this standard are given in the three official CENELEC languages (English, French and German), see Annex ZC.

Annexes designated “normative” are part of the body of the standard. In this standard, Annex ZA and Annex ZC are normative.

Busbar trunking systems (busways) shall comply with all requirements of EN 60439-1:1990, *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 standard.

The clauses of this standard supplement, modify or replace 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.

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