



BSI Standards Publication

## Low-voltage switchgear and controlgear assemblies

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Part 2: Power switchgear and controlgear assemblies

## National foreword

This British Standard is the UK implementation of EN IEC 61439-2:2021. It is identical to IEC 61439-2:2020. It supersedes BS EN 61439-2:2011, which will be withdrawn on 21 May 2024.

The UK participation in its preparation was entrusted to Technical Committee PEL/121/2, Low voltage switchgear and controlgear assemblies.

A list of organizations represented on this committee can be obtained on request to its committee manager.

This publication has been prepared under a mandate given to the European Standards Organizations by the European Commission and the European Free Trade Association and is intended to support essential requirements of the EU legislation detailed in the European foreword. Annex ZA/ZZ describes how the publication relates to the legislation.

For the Great Britain market (England, Scotland and Wales), if the UK Government has designated this publication for conformity with UKCA marking legislation and has not amended the essential requirements of that legislation, Annex ZA/ZZ and any references to EU law in the publication should be read in accordance with the designation as applying to UK legislation in the same way as to EU law. Further information on designated standards can be found at [www.bsigroup.com/standardsandregulation](http://www.bsigroup.com/standardsandregulation).

For the Northern Ireland market, UK law will continue to implement relevant EU law subject to periodic confirmation. References to EU legislation are therefore still valid.

More information on legislation can be found at [www.gov.uk](http://www.gov.uk).

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**Compliance with a British Standard cannot confer immunity from legal obligations.**

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**Amendments/corrigenda issued since publication**

Date

Text affected

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

# EN IEC 61439-2

May 2021

ICS 29.130.20

Supersedes EN 61439-2:2011 and all of its amendments  
and corrigenda (if any)

English Version

## Low-voltage switchgear and controlgear assemblies - Part 2: Power switchgear and controlgear assemblies (IEC 61439-2:2020)

Ensembles d'appareillage à basse tension - Partie 2:  
Ensembles d'appareillage de puissance  
(IEC 61439-2:2020)

Niederspannungs-Schaltgerätekombinationen - Teil 2:  
Energie-Schaltgerätekombinationen  
(IEC 61439-2:2020)

This European Standard was approved by CENELEC on 2020-08-26. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

## European foreword

The text of document 121B/104/FDIS, future edition 3 of IEC 61439-2, prepared by SC 121B "Low-voltage switchgear and controlgear assemblies" of IEC/TC 121 "Switchgear and controlgear and their assemblies for low voltage" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61439-2:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2021-11-21 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2024-05-21 document have to be withdrawn

This document supersedes EN 61439-2:2011 and all of its amendments and corrigenda (if any).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with EU Directive(s) see informative Annex ZZ, which is an integral part of this document.

## Endorsement notice

The text of the International Standard IEC 61439-2:2020 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60269 (series)	NOTE	Harmonized as EN 60269 (series)
IEC 60898 (series)	NOTE	Harmonized as EN 60898 (series)
IEC 60947 (series)	NOTE	Harmonized as EN IEC 60947 (series)
IEC 61008 (series)	NOTE	Harmonized as EN 61008 (series)
IEC 61009 (series)	NOTE	Harmonized as EN 61009 (series)
IEC 61427-1:2013	NOTE	Harmonized as EN 61427-1:2013 (not modified)
IEC 61010-2-201	NOTE	Harmonized as EN IEC 61010-2-201
IEC 61800-5-1	NOTE	Harmonized as EN 61800-5-1
IEC 62093	NOTE	Harmonized as EN 62093
IEC 62124	NOTE	Harmonized as EN 62124
IEC 62423	NOTE	Harmonized as EN 62423

IEC 62446-1:2016	NOTE	Harmonized as EN 62446-1:2016 (not modified)
IEC 62446-1:2016/A1:2018	NOTE	Harmonized as EN 62446-1:2016/A1:2018 (not modified)
IEC 62790	NOTE	Harmonized as EN IEC 62790

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu).

*Annex ZA of EN IEC 61439-1:2021 applies with the following addition:*

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60204-1	2016	Safety of machinery – Electrical equipment of machines – Part 1: General requirements	EN 60204-1	2018
IEC 60947-3	2020	Low-voltage switchgear and controlgear – Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units	EN IEC 60947-3	2021
IEC 61140	2016	Protection against electric shock – Common aspects for installation and equipment	EN 61140	2016
IEC 61439-1	2020	Low-voltage switchgear and controlgear assemblies – Part 1: General rules	EN IEC 61439-1	2021
IEC 62262	2002	Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)	EN 62262	2002