BS EN IEC 62271-100:2021

BSI Standards Publication

High-voltage switchgear and controlgear

Part 100: Alternating current circuit-breakers

National foreword

This British Standard is the UK implementation of EN IEC 62271-100:2021. It is identical to IEC 62271-100:2021. It supersedes BS EN 62271-100:2009+A2:2017, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PEL/17, High voltage switchgear, controlgear and assemblies.

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

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English Version

High-voltage switchgear and controlgear - Part 100: Alternating current circuit-breakers (IEC 62271-100:2021)

Appareillage à haute tension - Partie 100: Disjoncteurs à courant alternatif (IEC 62271-100:2021)

Hochspannungs-Schaltgeräte und -Schaltanlagen - Teil 100: Wechselstrom-Leistungsschalter (IEC 62271-100:2021)

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

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European foreword

The text of document 17A/1299/FDIS, future edition 3 of IEC 62271-100, prepared by SC 17A "Switching devices" of IEC/TC 17 "High-voltage switchgear and controlgear" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62271-100:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2022–05–11
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024–08–11

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Endorsement notice

The text of the International Standard IEC 62271-100:2021 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 60137:2017 NOTE Harmonized as EN 60137:2017 (not modified)

IEC 62271-110 NOTE Harmonized as EN IEC 62271-110

IEC 60296 NOTE Harmonized as EN IEC 60296

IEC 60376 NOTE Harmonized as EN IEC 60376

IEC 60480 NOTE Harmonized as EN IEC 60480

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.

Publication	Year	Title	EN/HD	Year
IEC 60050-151	2001	International Electrotechnical Vocabulary (IEV) - Part 151: Electrical and magnetic devices	-	-
+A1	2013			
+A2	2014			
+A3	2019			
+A4	2020			
IEC 60050-441	1984	International Electrotechnical Vocabulary (IEV) - Part 441: Switchgear, controlgear and fuses	-	-
+A1	2000			
IEC 60050-442	1998	International Electrotechnical Vocabulary (IEV) - Part 442: Electrical accessories	-	-
+A1	2015			
+A2	2015			
+A3	2019			
IEC 60050-461	2008	International Electrotechnical Vocabulary (IEV) - Part 461: Electric cables	-	-
IEC 60050-601	1985	International Electrotechnical Vocabulary (IEV) - Part 601: Generation, transmission and distribution of electricity - General	-	-
+A1	1998			
+A2	2020			
IEC 60050-614	2016	International Electrotechnical Vocabulary (IEV) - Part 614: Generation, transmission and distribution of electricity - Operation	-	-
IEC 60059	-	IEC standard current ratings	EN 60059	-
IEC 60060-1	-	High-voltage test techniques - Part 1: General definitions and test requirements	EN 60060-1	-

IEC 60255-151	2009	Measuring relays and protection equipment - Part 151: Functional requirements for over/under current protection	EN 60255-151	2009
IEC 60270	-	High-voltage test techniques - Partial discharge measurements	EN 60270	-
IEC 62271-1	2017	High-voltage switchgear and controlgear - Part 1: Common specifications for alternating current switchgear and controlgear	EN 62271-1	2017
IEC 62271-101	-	High-voltage switchgear and controlgear - Part 101: Synthetic testing	EN 62271-101	-
IEC 62271-102	2018	High-voltage switchgear and controlgear - Part 102: Alternating current disconnectors and earthing switches	EN IEC 62271-102	2018
IEC 62271-200	2021	High-voltage switchgear and controlgear - Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV	EN IEC 62271-200	2021
IEC 62271-203	-	High-voltage switchgear and controlgear - Part 203: Gas-insulated metal-enclosed switchgear for rated voltages above 52 kV	EN 62271-203	-

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