BS EN IEC 62271-209:2019+A1:2022

BSI Standards Publication

High-voltage switchgear and controlgear

Part 209: Cable connections for gas-insulated metal-enclosed switchgear for rated voltages above 52 kV — Fluid-filled and extruded insulation cables — Fluid-filled and dry-type cable terminations

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National foreword

This British Standard is the UK implementation of EN IEC 62271-209:2019+A1:2022. It is identical to IEC 62271-209:2019, incorporating amendment 1:2022. It supersedes BS EN 62271-209:2007, which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to IEC text carry the number of the IEC amendment. For example, text altered by IEC amendment 1 is indicated by A1 A1.

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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UK Government is responsible for legislation. For information on legislation and policies relating to that legislation, consult the relevant pages of www.gov.uk.

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ISBN 978 0 539 13670 8

ICS 29.130.10; 45.060.01

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 April 2019.

Amendments/corrigenda issued since publication

Date	Text affected
30 September 2022	Implementation of IEC amendment 1:2022 with CENELEC endorsement A1:2022

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 62271-209+A1

May 2022

ICS 29.130.10

Supersedes EN 62271-209:2007

English Version

High-voltage switchgear and controlgear - Part 209: Cable connections for gas-insulated metal-enclosed switchgear for rated voltages above 52 kV - Fluid-filled and extruded insulation cables - Fluid-filled and dry-type cable-terminations (IEC 62271-209:2019)

Appareillage à haute tension - Partie 209: Raccordement de câbles pour appareillage sous enveloppe métallique à isolation gazeuse de tension assignée supérieure à 52 kV - Câbles remplis d'un fluide ou à isolation extrudée - Extrémité de câble de type sec ou remplie d'un fluide (IEC 62271-209:2019)

Hochspannungs-Schaltgeräte und -Schaltanlagen - Teil 209: Kabelanschlüsse für gasisolierte metallgekapselte Schaltanlagen für Bemessungsspannungen über 52 kV - Kabel mit fluidgefüllter und extrudierter Isolierung - Fluidgefüllte und feststoffisolierte Kabelendverschlüsse (IEC 62271-209:2019)

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European Committee for Electrotechnical Standardization
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Ref. No. EN IEC 62271-209:2019 E

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European foreword

The text of document 17C/696/FDIS, future edition 2 of IEC 62271-209, prepared by SC 17C "Assemblies" of IEC/TC 17 "High-voltage switchgear and controlgear" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62271-209:2019.

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) 2019-12-15
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-03-15

This document supersedes EN 62271-209:2007.

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.

Endorsement notice

The text of the International Standard IEC 62271-209:2019 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 62271-207	NOTE	Harmonized as EN 62271-207

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European foreword to Amendment 1

The text of document 17C/833/FDIS, future IEC 62271-209/AMD1, prepared by SC 17C "Assemblies" of IEC/TC 17 "High-voltage switchgear and controlgear" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62271-209:2019/A1:2022.

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) 2023-02-05
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2025-05-05

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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 60038	-	IEC standard voltages	EN 60038	-
IEC 60068-2-17	1994	Basic environmental testing procedures - Part 2-17: Tests - Test Q: Sealing	EN 60068-2-17	1994
IEC 60141	series	Tests on oil-filled and gas-pressure cables and their accessories	-	-
IEC 60376	-	Specification of technical grade sulphur hexafluoride (SF_6) and complementarygases to be used in its mixtures for use in electrical equipment	EN IEC 60376	-
IEC 60480	-	Guidelines for the checking and treatment of sulfur hexafluoride (SF_6) taken from electrical equipment and specification for its re-use	EN 60480	-
IEC 60840	-	Power cables with extruded insulation and their accessories for rated voltages above 30 kV (U_m = 36 kV) up to 150 kV (U_m = 170 kV) – Test methods and requirements	-	-
IEC 62067	-	Power cables with extruded insulation and their accessories for rated voltages above 150 kV (U_m = 170 kV) up to 500 kV (U_m = 550 kV) - Test methods and requirements	-	-
IEC 62271-1	2017	High-voltage switchgear and controlgear - Part 1: Common specifications for alternating current switchgear and controlgear	EN 62271-1	2017
IEC 62271-203	2011	High-voltage switchgear and controlgear - Part 203: Gas-insulated metal-enclosed switchgear for rated voltages above 52 kV	EN 62271-203	2012

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Full document details: BS EN IEC 62271-209:2019+A1:2022

IEC 62271-209

Edition 2.0 2019-02

INTERNATIONAL STANDARD

NORME INTERNATIONALE

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

COMMISSION ELECTROTECHNIQUE INTERNATIONALE

ICS 29.130.10

ISBN 978-2-8322-6405-8

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CONTENTS

FOREWORD 4
1 Scope 6
2 Normative references 6
3 Terms and definitions 7
4 Normal and special service conditions 8
4.1 General 8
4.2 Normal service conditions 8
4.3 Special service conditions 8
5 Ratings 8
5.1 General 8
5.2 Rated voltage of the equipment of the cable connection (U_{rm}) 9
5.3 Rated insulation level (U_d, U_p, U_s) 9
5.4 Rated frequency (f_r) 9
5.5 Rated continuous current (I_r) 9
5.6 Rated short-time withstand current (I_k) 9
5.7 Rated peak withstand current (I_p) 9
5.8 Rated duration of short circuit (t_k) 9
6 Design and construction 10
6.1 Gas and vacuum tightness 10
6.101 Limits of supply 10
6.101.1 General 10
6.101.2 Over-voltage protection and earthing 10
6.102 Filling pressure of insulating gas in the cable connection enclosure 11
6.103 Pressure withstand requirements 11
6.104 Mechanical forces on cable terminations 11
6.105 Switchgear connection interface and cable termination connection interface 12
7 Type tests 12
7.1 General 12
7.2 Electrical type tests of cable terminations 12
7.2.1 General 12
7.2.2 Electrical type test of cable terminations in a single-phase enclosure 12
7.2.3 Electrical type test of cable termination in a three-phase enclosure 12
7.2.4 Additional electrical type tests on the insulator to be installed by switchgear manufacturer (plug in cable termination) 13
7.3 Pressure test on the insulator of a cable termination 13
7.4 Leak rate type test on the insulator of a cable termination 14
8 Routine tests 14
8.1 General 14
8.2 Pressure test 14
8.3 Visual inspection 14
9 Standard dimensions 14
9.1 General 14
9.2 Fluid-filled cable terminations 14
9.3 Dry-type cable terminations 15
9.4 Three-phase cable connection enclosure 15

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