BSI Standards Publication

Empty enclosures for low-voltage switchgear and controlgear assemblies — General requirements

National foreword

This British Standard is the UK implementation of EN IEC 62208:2023. It is identical to IEC 62208:2023. It supersedes BS EN 62208:2011, which will be withdrawn on 6 September 2026.

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.

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Amendments/corrigenda issued since publication

Date	Text affected

EUROPEAN STANDARD **EN IEC 62208**

EUROPÄISCHE NORM

September 2023

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Supersedes EN 62208:2011

English Version

Empty enclosures for low-voltage switchgear and controlgear assemblies - General requirements (IEC 62208:2023)

Enveloppes vides destinées aux ensembles d'appareillages à basse tension - Exigences générales (IEC 62208:2023)

Leergehäuse für Niederspannungs-Schaltgerätekombinationen - Allgemeine Anforderungen (IEC 62208:2023)

This European Standard was approved by CENELEC on 2023-09-06. 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.

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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

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European foreword

The text of document 121B/180/FDIS, future edition 3 of IEC 62208, 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 62208:2023.

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)	2024-06-06
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2026-09-06

This document supersedes EN 62208:2011 and all of its amendments and corrigenda (if any).

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This document has been prepared under a Standardization Request addressed to CENELEC by the European Commission.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

Endorsement notice

The text of the International Standard IEC 62208:2023 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 standard indicated:

IEC 60216 (series)	NOTE Approved as EN 60216 (series)
IEC 60670 (series)	NOTE Approved as EN 60670 (series)
IEC 60670-24	NOTE Approved as EN 60670-24
IEC 60715	NOTE Approved as EN 60715
IEC 60721-3-3:2019	NOTE Approved as EN IEC 60721-3-3:2019 (not modified)
IEC 61000-5-7:2001	NOTE Approved as EN 61000-5-7:2001 (not modified)
IEC 61140:2016	NOTE Approved as EN 61140:2016 (not modified)
IEC 61439 (series)	NOTE Approved as EN IEC 61439 (series)
IEC 61439-1:2020	NOTE Approved as EN IEC 61439-1:2021 (not modified)

(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.cencenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 60068-2-2	2007	Environmental testing - Part 2-2: Tests - Test B: Dry heat	EN 60068-2-2	2007
IEC 60068-2-11	2021	Environmental testing - Part 2-11: Tests - Test Ka: Salt mist	EN IEC 60068-2-11	2021
IEC 60068-2-30	2005	Environmental testing - Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle)	EN 60068-2-30	2005
IEC 60085	2007	Electrical insulation - Thermal evaluation and designation	EN 60085	2008
IEC 60364	series	Low-voltage electrical installations	HD 60364	series
IEC 60529	1989	Degrees of protection provided by enclosures (IP Code)	EN 60529	1991
-	-		+ corrigendum May	1993
+ A1	1999		+ A1	2000
+ A2	2013		+ A2	2013
IEC 60695-2-10	2021	Fire hazard testing - Part 2-10: Glowing/hot-wire based test methods - Glow-wire apparatus and common test procedure	EN IEC 60695-2-10	2021
IEC 60695-2-11	2021	Fire hazard testing - Part 2-11: Glowing/hot-wire based test methods - Glow-wire flammability test method for end products (GWEPT)	EN IEC 60695-2-11	2021
IEC 60695-10-2	2014	Fire hazard testing - Part 10-2: Abnormal heat - Ball pressure test method	EN 60695-10-2	2014
IEC 60695-11-5	2016	Fire hazard testing - Part 11-5: Test flames - Needle-flame test method - Apparatus, confirmatory test arrangement and guidance	EN 60695-11-5	2017

		of low-voltage switchgear and controlgear assemblies by calculation		
IEC 62262	2002	Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)	EN 62262	2002
+ AMD	2021		+ A1	2021
ISO 178	2019	Plastics - Determination of flexural properties	EN ISO 178	2019
ISO 179-1	2010	Plastics - Determination of Charpy impact properties - Part 1: Non-instrumented impact test	EN ISO 179-1	2010
ISO 179-2	2020	Plastics - Determination of Charpy impact properties - Part 2: Instrumented impact test	EN ISO 179-2	2020
ISO 2409	2020	Paints and varnishes - Cross-cut test	EN ISO 2409	2020
ISO 4628-3	2016	Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 3: Assessment of degree of rusting	EN ISO 4628-3	2016
ISO 4892-2	2013	Plastics - Methods of exposure to laboratory light sources - Part 2: Xenon-arc lamps	EN ISO 4892-2	2013
ISO 11469	2016	Plastics - Generic identification and marking of plastics products	EN ISO 11469	2016

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