BSI Standards Publication

Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)

bsi.

National foreword

This British Standard is the UK implementation of EN 62262:2002+A1:2021. It is identical to IEC 62262:2002, incorporating amendment 1:2021. It supersedes BS EN 62262:2002, which is withdrawn.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 GEL/70, Protective enclosures of electrical apparatus.

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

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Published by BSI Standards Limited 2021

ISBN 978 0 539 03688 6

ICS 29.020; 29.100.99

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 15 October 1995.

Amendments/corrigenda issued since publication

Date	Text affected
20 December 2002	Renumbers EN 50102:1995 as EN 62262:2002 and adds to the EN foreword
31 October 2021	Implementation of IEC amendment 1:2021 with CENELEC endorsement A1:2021

BS EN 62262:2002+A1:2021

EUROPEAN STANDARD

EN 62262:2002+A1

EUROPÄISCHE NORM

October 2021

ICS 29.020

Descriptors: Electrical equipment, enclosure for electrical equipment, degree of protection, mechanical impact, classification, tests, test conditions, control

English version

Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)

Degrés de protection procurés par les enveloppes de matériels électriques contre les impacts mécaniques externes (code IK)

Schutzarten durch Gehäuse für elektrische Betriebsmittel (Ausrüstung) gegen äußere mechanische Beanspruchungen (IK-Code)

This European Standard was approved by CENELEC on 2002-07-02. 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

Central Secretariat: rue de Stassart 35, B-1050 Brussels

Ref. No. EN 62262:2002 E

Foreword

This European Standard was prepared by CENELEC BTTF 68-3, Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code).

The text of the draft, based on document BT(FR/NOT)141, was submitted to the formal vote in June 1994 and was approved by CENELEC as EN 50102 on 1994-12-06.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1997-04-15
- latest date by which national standards conflicting with the EN have to be withdrawn (dow) 1997-04-15

Foreword to amendment A1

This amendment was prepared by CENELEC BTTF 68-3, IK code.

This text of the draft was submitted to the formal vote and was approved by CENELEC as amendment A1 to EN 50102:1995 on 1998-10-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1999-10-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 1999-10-01

By Technical Board decision D112/248 the text of the International Standard IEC 62262:2002, which is identical with EN 50102:1995 + A1:1998, was approved by CENELEC as EN 62262 on 2002-07-02. As a consequence EN 50102:1995 + A1:1998 are renumbered as EN 62262:2002.

The following date was fixed:

- latest date by which the existence of EN 62262 has to be announced at national level (doa) 2002-10-01

European foreword

The text of document 70/157/FDIS, future IEC 62262/AMD1, prepared by IEC/TC 70 “Degrees of protection provided by enclosures” was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62262:2002/A1:2021.

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) 2022–07–08
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024–10–08

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.

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 62262:2002/AMD1:2021 was approved by CENELEC as a European Standard without any modification.

(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.

The Annex ZA of EN 62262:2002 applies with the following changes:

Publication	Year	Title	EN/HD	Year
Delete the following reference:				
IEC 60050(826)	1982	International electrotechnical vocabulary -- Chapter 826: Electrical installations of buildings		-
Replace the following references:				
IEC 60068-1	1988	Environmental testing – Part 1: General- and guidance		-
IEC 60068-2-75	1997	Environmental testing – Part 2–75: Tests - Test Eh: Hammer tests		
With the following new references:				-
IEC 60068-1	-	Environmental testing - Part 1: General and guidance	EN 60068-1	-
IEC 60068-2-75	-	Environmental testing - Part 2–75: Tests - Test Eh: Hammer tests	EN 60068-2-75	-