



SLOVENSKI STANDARD
SIST EN 62262:2007

01-januar-2007

Stopnje zaščite pred mehanskimi udarci, ki jo ohišja nudijo električni opremi (koda IK) (IEC 62262:2002) (istoveten z EN 50102:1995 + A1:1998)

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

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

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

<https://standards.iteh.ai/catalog/standards/sist/e6eedf3f-4780-491b-af86-7cfc84312756/sist-en-62262-2007>

Ta slovenski standard je istoveten z: EN 62262:2002

ICS:

29.020	Elektrotehnika na splošno	Electrical engineering in general
--------	---------------------------	-----------------------------------

SIST EN 62262:2007

en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 62262:2007

<https://standards.iteh.ai/catalog/standards/sist/e6eedf3f-4780-491b-af86-7cf84312756/sist-en-62262-2007>



Corrigendum to EN 50102:1995 + A1:1998

English version

Foreword

Add:

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

<https://standards.iteh.ai/catalog/standards/sist/e6eedf3f-4780-491b-af86-7cf84312756/sist-en-62262-2007>
 (standards.iteh.ai)

July 2002

EUROPEAN STANDARD

EN 50102/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 1998

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)

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN 62262:2007](https://standards.iteh.ai/catalog/standards/sist/e6eedf3f-4780-491b-af86-7cf84312756/sist-en-62262-2007)

<https://standards.iteh.ai/catalog/standards/sist/e6eedf3f-4780-491b-af86-7cf84312756/sist-en-62262-2007>

This amendment A1 modifies the European Standard EN 50102:1995; it was approved by CENELEC on 1998-10-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 amendment 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, Czech Republic, 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

Page 2
EN 50102:1995/A1:1998

Foreword

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

The 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

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN 62262:2007](https://standards.iteh.ai/catalog/standards/sist/e6eedf3f-4780-491b-af86-7cf84312756/sist-en-62262-2007)

<https://standards.iteh.ai/catalog/standards/sist/e6eedf3f-4780-491b-af86-7cf84312756/sist-en-62262-2007>

Text of EN 50102:1995/A1

Contents Delete lines 7.1, 7.2, 7.3

2 Normative references

Delete the references to IEC 68-2-62 + A1, IEC 68-2-63, ISO 1052 and ISO 2039/2.

Add:

IEC 60068-2-75 1997 Environmental testing EN 60068-2-75 1997
Part 2: Tests - Test Eh: Hammer tests

4 Designations

Table 1, replace "0,15" by "0,14".

7 Test apparatus

Replace by : **iTeh STANDARD PREVIEW**

7 Test apparatus (standards.iteh.ai)

The test shall be done by using one of the test apparatus as described in EN 60068-2-75.

[SIST EN 62262:2007](https://standards.iteh.ai/catalog/standards/sist/e6eedf3f-4780-491b-af86-7cfc84312756/sist-en-62262-2007)

[https://standards.iteh.ai/catalog/standards/sist/e6eedf3f-4780-491b-af86-](https://standards.iteh.ai/catalog/standards/sist/e6eedf3f-4780-491b-af86-7cfc84312756/sist-en-62262-2007)

Annex A Delete the whole annex. [7cfc84312756/sist-en-62262-2007](https://standards.iteh.ai/catalog/standards/sist/e6eedf3f-4780-491b-af86-7cfc84312756/sist-en-62262-2007)

EUROPEAN STANDARD

EN 50102

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 1995

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)

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN 62262:2007](https://standards.iteh.ai/catalog/standards/sist/e6eedf3f-4780-491b-af86-7cf84312756/sist-en-62262-2007)

<https://standards.iteh.ai/catalog/standards/sist/e6eedf3f-4780-491b-af86-7cf84312756/sist-en-62262-2007>

This European Standard was approved by CENELEC on 1994-12-06. 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 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

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

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN 62262:2007](https://standards.iteh.ai/catalog/standards/sist/e6eedf3f-4780-491b-af86-7cf84312756/sist-en-62262-2007)

<https://standards.iteh.ai/catalog/standards/sist/e6eedf3f-4780-491b-af86-7cf84312756/sist-en-62262-2007>

Contents

Clause	Page
Introduction	4
1 Scope	4
2 Normative references	5
3 Definitions	5
3.1 Enclosure	5
3.2 Degree of protection against mechanical impacts	5
3.3 IK code	6
4 Designations	6
4.1 Arrangement of the IK code	6
4.2 Characteristic group numerals of the IK code and their meanings	6
4.3 Application of the IK code	6
4.4 Marking	6
5 General requirements for tests	7
5.1 Atmospheric conditions for tests	7
5.2 Enclosures under test	7
5.3 Specifications to be given in the relevant product standard	7
6 Test to verify the protection against mechanical impacts	7
7 Test apparatus	8
7.1 Spring hammer	9
7.2 Pendulum hammer	9
7.3 Vertical hammer	9
Annex A (informative) Shapes of striking elements	10

iTech STANDARD PREVIEW
(standards.itech.ai)
