
Omarice in ohišja za električno opremo za gospodinjstva in podobne nepremične električne inštalacije - 23. del: Posebne zahteve za talne omarice in ohišja - Dopolnilo A11

Boxes and enclosures for electrical accessories for household and similar fixed electrical installations - Part 23: Particular requirements for floor boxes and enclosures

Dosen und Gehäuse für elektrische Installationsgeräte für Haushalt und ähnliche ortsfeste elektrische Installationen - Teil 23: Besondere Anforderungen für Unterflurdosen

Boîtes et enveloppes pour appareillage électrique pour installations électriques fixes pour usages domestiques et analogues - Partie 23: Règles particulières pour les boîtes et enveloppes de sol

Ta slovenski standard je istoveten z: EN 60670-23:2008/A11:2023

ICS:

29.120.99	Druga električna dodatna oprema	Other electrical accessories
-----------	---------------------------------	------------------------------

SIST EN 60670-23:2009/A11:2023 **en,fr,de**

EUROPEAN STANDARD

EN 60670-23:2008/A11

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2023

ICS 29.120.10

English Version

**Boxes and enclosures for electrical accessories for household
and similar fixed electrical installations - Part 23: Particular
requirements for floor boxes and enclosures**

Boîtes et enveloppes pour appareillage électrique pour
installations électriques fixes pour usages domestiques et
analogues - Partie 23: Exigences particulières pour les
boîtes et enveloppes de sol

Dosen und Gehäuse für elektrische Installationsgeräte für
Haushalt und ähnliche ortsfeste elektrische Installationen -
Teil 23: Besondere Anforderungen für Unterflurdosen

This amendment A11 modifies the European Standard EN 60670-23:2008; it was approved by CENELEC on 2022-10-03. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

[SIST EN 60670-23:2009/A11:2023](#)

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.



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

EN 60670-23:2008/A11:2023 (E)

European foreword

This document (EN 60670-23:2008/A11:2023) has been prepared by CLC/TC 23BX "Switches, boxes and enclosures for household and similar purposes, plugs and socket outlet for D.C."

The following dates are fixed:

- latest date by which this document has to be (dop) 2024-03-08 implemented at national level by publication of an identical national standard or by endorsement
- latest date by which the national standards (dow) 2026-09-08 conflicting with this document have to be withdrawn

This document modifies EN 60670-23:2008 as amended by EN 60670-23:2008/A1:2023.

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.

This Part 23 is read in conjunction with EN IEC 60670-1:2021 and EN IEC 60670-1:2021/A11:2021. It lists the changes necessary to convert that standard into a specific standard for floor boxes and enclosures.

This document has been prepared under a standardization request addressed to CENELEC by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

For the relationship with EU Legislation, see informative Annex ZZ, which is an integral part of this document.

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.

1 Modification to the European foreword

Replace the 3rd paragraph with the following:

“This Part 23 is read in conjunction with EN IEC 60670-1:2021/A11:2021. It lists the changes necessary to convert that standard into a specific standard for floor boxes and enclosures.”

2 Modification to Clauses 1, 7, 12, 13 and 15

Delete all common modifications of EN 60670-23:2008 to Clauses 1, 7, 12, 13 and 15.

3 Modifications to annexes

Add the following Annex ZA:

“

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 When 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 IEC 60670-1:2021/A11:2021 is applicable.

”

Add the following Annex ZZ:

“

Annex ZZ (informative)

Relationship between this European standard and the safety objectives of Directive 2014/35/EU [2014 OJ L96] aimed to be covered

This European standard has been prepared under a Commission's standardization request relating to harmonized standards in the field of the Low Voltage Directive, M/511, to provide one voluntary means of conforming to safety objectives of Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits [2014 OJ L96].

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZZ.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding safety objectives of that Directive, and associated EFTA regulations.

Table ZZ.1 — Correspondence between this European standard and Annex I of Directive 2014/35/EU [2014 OJ L96]

Safety objectives of Directive 2014/35/EU	Clause(s) / subclause(s) of this EN	Remarks / Notes
1. General conditions		
(a) the essential characteristics, the recognition and observance of which will ensure that electrical equipment will be used safely and in applications for which it was made, shall be marked on the electrical equipment , or, if this is not possible, on an accompanying document;	8 - Marking	
(b) the electrical equipment, together with its component parts, shall be made in such a way as to ensure that it can be safely and properly assembled and connected ;	8 - Marking 10 - Protection against electrical shock 11 - Provision for earthing 12 - Construction 13 - Resistance to ageing, protection against ingress of solid objects and against harmful ingress of water	
(c) the electrical equipment shall be so designed and manufactured as to ensure that protection against the hazards set out in points 2 and 3 is ensured, providing that the equipment is used in applications for which it was made and is adequately maintained.	10 - Protection against electrical shock 11 - Provision for earthing 12 - Construction 14 - Insulation resistance and electrical strength 15 - Mechanical strength	

2. Protection against hazards arising from the electrical equipment Measures of a technical nature shall be laid down in accordance with point 1, in order to ensure that:		
(a) persons and domestic animals are adequately protected against the danger of physical injury or other harm which might be caused by direct or indirect contact ;	10 - Protection against electrical shock 11 - Provision for earthing 14 - Insulation resistance and electrical strength 15 - Mechanical strength 18 - Resistance of insulating material to abnormal heat and fire 19 - Resistance to tracking	
(b) temperatures, arcs or radiation which would cause a danger, are not produced;	14 - Insulation resistance and electrical strength 16 - Resistance to heat 18 - Resistance of insulating material to abnormal heat and fire 19 - Resistance to tracking Z1 - Electromagnetic fields (EMF) requirements	
(c) persons, domestic animals and property are adequately protected against non- electrical dangers caused by the electrical equipment which are revealed by experience;	12 - Construction 15 - Mechanical strength	
(d) the insulation is suitable for foreseeable conditions.	14 - Insulation resistance and electrical strength 15 - Mechanical strength 16 - Resistance to heat 18 - Resistance of insulating material to abnormal heat and fire 19 - Resistance to tracking	
3. Protection against hazards which may be caused by external influences on the electrical equipment Technical measures shall be laid down in accordance with point 1, in order to ensure that the electrical equipment:		
(a) meets the expected mechanical requirements in such a way that persons, domestic animals and property are not endangered;	12 - Construction 13 - Resistance to ageing, protection against ingress of solid objects and against harmful ingress of water 15 - Mechanical strength 20 - Resistance to corrosion	
(b) is resistant to non- mechanical influences in expected environmental conditions , in such a way that persons, domestic animals and property are not endangered;	13 - Resistance to ageing, protection against ingress of solid objects and against harmful ingress of water 18 - Resistance of insulating material to abnormal heat and fire	
(c) does not endanger persons, domestic animals and property in foreseeable conditions of overload .	Products covered by this standard are not subject to overload and therefore no requirements are needed.	