

STN	Elektrické spotrebiče pre domácnosť a na podobné účely Bezpečnosť Časť 2-95: Osobitné požiadavky na pohony vertikálne sa pohybujúcich garážových brán používaných v obytných oblastiach Zmena A11	STN EN IEC 60335-2-95/A11 36 1055
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Household and similar electrical appliances - Safety - Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 07/23

STN EN 60335-2-95 z augusta 2023 sa bez tejto zmeny A11 môže používať do 12. 5. 2026.

Obsahuje: EN IEC 60335-2-95:2023/A11:2023

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ICS 13.120; 29.120.01; 91.090

English Version

**Household and similar electrical appliances - Safety - Part 2-95:
Particular requirements for drives for vertically moving garage
doors for residential use**

Appareils électrodomestiques et analogues - Sécurité -
Partie 2-95: Exigences particulières pour les motorisations
de portes de garage à ouverture verticale, pour usage
résidentiel

Sicherheit elektrischer Geräte für den Hausgebrauch und
ähnliche Zwecke - Teil 2-95: Besondere Anforderungen für
Antriebe von Garagentoren mit Senkrechtbewegung zur
Verwendung im Wohnbereich

This amendment A11 modifies the European Standard EN IEC 60335-2-95:2023; it was approved by CENELEC on 2023-03-01. 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 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.

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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

EN IEC 60335-2-95:2023/A11:2023 (E)

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European foreword

This document (EN IEC 60335-2-95:2023/A11:2023) has been prepared by CLC/TC 61 "Safety of household and similar electrical appliances".

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2023-11-05
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2026-05-05

This document is read in conjunction with EN IEC 60335-2-95:2023.

The numbering system for European clauses, subclauses, notes, tables, figures and annexes that are additional to those in the IEC standard are prefixed with the letter "Z".

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 document has been prepared under a Standardization Request given to CENELEC by the European Commission and the European Free Trade Association.

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.

EN IEC 60335-2-95:2023/A11:2023 (E)

1 Modification to the Introduction

Addition:

With European Amendment A11 the EN 60335-2-95:2015+A1:2015+A2:2019 is superseded.

This European Amendment A11, supplements or modifies the corresponding clauses of the standards below:

- EN 60335-1:2012+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019+A15:2021+A16:—¹ (Part 1)
- EN IEC 60335-2-95:2022 (Part 2)

The relevant requirements of Annex ZE of Part 1 have been incorporated in the text of this Part 2. Even though they are not intended for commercial use, garage door drives within the scope of this document are machines within the meaning of the Machinery Directive 2006/42/EC, and this standard has been written considering the essential requirements listed in the Directive.

Drives put on the market as machines may be installed by the final user. The requirements of this document also cover the foreseeable misuse of the power operated garage door.

Drives put on the market as partly completed machines should not be installed by the final user. In case of partly completed machines, reference should be made to the specific procedures of the Machinery Directive 2006/42/EC; this document can, anyhow, be used as guidance.

2 Modification to the Clause 1, “Scope”

Replacement:

This clause of Part 1 is replaced by the following.

This document deals with the safety of electric **drives** for garage doors for residential use that open and close in a vertical direction, the **rated voltage** of the **drives** being not more than 250 V for single-phase appliances and 480 V for other appliances. It also covers the hazards associated with the movement of these electrically driven garage doors.

NOTE Z101 Examples of types of garage doors are shown in Figure 101.

NOTE Z102 The **drive** can be supplied with a garage door.

NOTE Z103 This document also applies to **entrapment protection devices** for use with **drives**.

NOTE Z104 Within the document the terms **drive** and appliance are interchangeable.

This document deals with the reasonably foreseeable hazards presented by **drives** that are encountered by all persons in and around the installation place. However, in general, it does not take into account:

- **children** playing with the appliance;
- the **use of the appliance** by **very young children**;
- the **use of the appliance** by **young children** without supervision.

It is recognized that **very vulnerable people** can have needs beyond the level addressed in this document.

NOTE Z105 Attention is drawn to the fact that in many countries additional requirements are specified by the national authorities responsible for the protection of labour and similar authorities.

¹ To be published in 2023. Stage at the time of publication: FprEN 60335-1:2012/A16:2021.

This document also covers **automatic drives**.

NOTE Z106 This document does not apply to **drives**

- for shutters, awnings, blinds and similar equipment (EN IEC 60335-2-97);
- for gates, doors and windows (EN IEC 60335-2-103);
- for commercial and industrial purposes;
- intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapour or gas).

This document does not deal with any specific requirements on noise emitted from these **drives** as the generated noise is not considered to be a relevant hazard. Thus, the emission sound pressure level L_{pA} is considered to be $L_{pA} \leq 70$ dB(A).

3 Modification to Clause 2, “Normative references”

Add the following reference:

EN 12978:2003², *Industrial, commercial and garage doors and gates - Safety devices for power operated doors and gates - Requirements and test methods*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN