

STN	Nízkonapäťové prepäťové ochranné prístroje Časť 01: Všeobecné požiadavky a skúšobné metódy Zmena A11	STN EN IEC 61643-01/A11 34 1395
------------	---	---

Low-voltage surge protective devices - Part 01: General Requirements and test methods

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. 06/25

STN EN IEC 61643-01 z júla 2025 sa bez tejto zmeny A11 môže používať do 30. 4. 2028.

Obsahuje: EN IEC 61643-01:2025/A11:2025

140693

Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2025

Slovenská technická norma a technická normalizačná informácia je chránená zákonom č. 60/2018 Z. z. o technickej normalizácii v znení neskorších predpisov.

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 61643-01:2025/A11

April 2025

ICS 29.240.10

English Version

**Low-voltage surge protective devices - Part 01: General
Requirements and test methods**

Parafoudres basse tension - Partie 01: Exigences
générales et méthodes d'essai

Überspannungsschutzgeräte für Niederspannung - Teil 1:
Allgemeine Anforderungen und Prüfverfahren

This amendment A11 modifies the European Standard EN IEC 61643-01:2025; it was approved by CENELEC on 2024-10-28. 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.

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 IEC 61643-01:2025/A11:2025 (E)**Contents**

Page

European foreword	3
1 Modification to Clause 2, “Normative references”	4
2 Addition of subclause 8.8, “Additional information if declared by the manufacturer - Vibration and shock”	4
3 Modification to Table 16, “Cross-sections of copper conductors for screw-type or screwless terminals”	4
4 Modification to A.1, “Routine tests”	4
5 Modification to G.2.2, “Preconditioning procedure”	4
6 Addition of Annex ZB, “Vibration and shock test”	4
Annex ZA (normative) Normative references to international publications with their corresponding European publications	7
Annex ZZ (informative) Relationship between this European standard and the safety objectives of Directive 2014/35/EU [2014 OJ L96] aimed to be covered	9

European foreword

This document (EN IEC 61643-01:2025/A11:2025) has been prepared by Technical Committee CLC/TC 37A "Low voltage surge protective devices".

The following dates are fixed:

- latest date by which this document has to be (dop) 2026-04-30
implemented at national level by publication of
an identical national standard or by
endorsement
- latest date by which the national standards (dow) 2028-04-30
conflicting with this document have to be
withdrawn

Clauses, subclauses, notes, tables, figures and annexes which are additional to those in IEC 61643-01 ED1 are prefixed "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 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.

EN IEC 61643-01:2025/A11:2025 (E)**1 Modification to Clause 2, “Normative references”**

Add the following references:

IEC 60364-5-53:2019,¹ *Low-voltage electrical installations -- Part 5-53: Selection and erection of electrical equipment - Protection, isolation, switching, control and monitoring*

ISO 4892-1:2016, *Plastics — Methods of exposure to laboratory light sources — Part 1: General guidance*

ISO 4892-2:2013,² *Plastics - Methods of exposure to laboratory light sources - Part 2: Xenon-arc lamps - Amendment 1: Classification of daylight filters*

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*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

¹ As impacted by IEC 60364-5-53:2019/AMD1:2020.

² As impacted by ISO 4892-2:2013/AMD1:2021.