

SLOVENSKI STANDARD

SIST EN IEC 61643-21:2026

01-marec-2026

Nadomešča:

SIST EN 61643-21:2002

SIST EN 61643-21:2002/A1:2009

SIST EN 61643-21:2002/A2:2014

Nizkonapetostne naprave za zaščito pred prenapetostnimi udari - 21. del: Naprave, priključene na telekomunikacijska in signalna omrežja - Zahteve in preskusne metode

Low voltage surge protective devices - Part 21: Surge protective devices connected to telecommunications and signalling networks - Requirements and test methods

Überspannungsschutzgeräte für Niederspannung - Teil 21: Überspannungsschutzgeräte für den Einsatz in Telekommunikations- und signalverarbeitenden Netzwerken - Leistungsanforderungen und Prüfverfahren

Parafoudres basse tension - Partie 21: Parafoudres connectés aux réseaux de signaux et de télécommunications - Exigences et méthodes d'essai

Ta slovenski standard je istoveten z: EN IEC 61643-21:2026

ICS:

29.120.50	Varovalke in druga nadtokovna zaščita	Fuses and other overcurrent protection devices
29.240.10	Transformatorske postaje. Prenapetostni odvodniki	Substations. Surge arresters

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en

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 61643-21

January 2026

ICS 29.240.10

Supersedes EN 61643-21:2001; EN 61643-21:2001/A1:2009; EN 61643-21:2001/A2:2013

English Version

Low voltage surge protective devices - Part 21: Surge protective devices connected to telecommunications and signalling networks - Requirements and test methods (IEC 61643-21:2025)

Parafoudres basse tension - Partie 21: Parafoudres connectés aux réseaux de signaux et de télécommunications - Exigences et méthodes d'essai (IEC 61643-21:2025)

Überspannungsschutzgeräte für Niederspannung - Teil 21: Überspannungsschutzgeräte für den Einsatz in Telekommunikations- und signalverarbeitenden Netzwerken - Leistungsanforderungen und Prüfverfahren (IEC 61643-21:2025)

This European Standard was approved by CENELEC on 2025-11-21. 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 CEN-CENELEC Management Centre 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 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 61643-21:2026 (E)**European foreword**

The text of document 37A/432/FDIS, future edition 2 of IEC 61643-21, prepared by SC 37A "Low-voltage surge protective devices" of IEC/TC 37 "Surge arresters" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61643-21:2026.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2027-01-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2029-01-31 document have to be withdrawn

This document supersedes EN 61643-21:2001 and all of its amendments and corrigenda (if any).

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 is read in conjunction with EN IEC 61643-01:2025¹.

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.

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The text of the International Standard IEC 61643-21:2025 was approved by CENELEC as a European Standard without any modification.

SIST EN IEC 61643-21:2026

<https://standards.iteh.ai/en/standards/IEC/61643-21/IEC-61643-21-2026>

In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 60364-5-51	NOTE	Approved as HD 60364-5-51
IEC 60721-3-3:2019	NOTE	Approved as EN IEC 60721-3-3:2019 (not modified)
IEC 61643-22	NOTE	Approved as CLC/TS 61643-22
IEC 61643-311:2013	NOTE	Approved as EN 61643-311:2013 (not modified)
IEC 61643-321:2001	NOTE	Approved as EN 61643-321:2002 (not modified)
IEC 61643-331:2020	NOTE	Approved as EN IEC 61643-331:2020 (not modified)
IEC 61643-341:2020	NOTE	Approved as EN IEC 61643-341:2020 (not modified)
IEC 62368-1	NOTE	Approved as EN IEC 62368-1
IEC 62475:2010	NOTE	Approved as EN 62475:2010 (not modified)

¹ As impacted by EN IEC 61643-01:2025/A11 2025.

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 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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61643-01	2024	Low-voltage surge protective devices - Part 01: General Requirements and test methods	EN IEC 61643-01	2025

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[SIST EN IEC 61643-21:2026](https://standards.iteh.ai/catalog/standards/sist/1dc9a7bc-dbac-4ddb-a23b-3f3c2dcd126e/sist-en-iec-61643-21-2026)

<https://standards.iteh.ai/catalog/standards/sist/1dc9a7bc-dbac-4ddb-a23b-3f3c2dcd126e/sist-en-iec-61643-21-2026>



IEC 61643-21

Edition 2.0 2025-10

INTERNATIONAL STANDARD

**Low voltage surge protective devices -
Part 21: Surge protective devices connected to telecommunications and
signalling networks - Requirements and test methods**

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