



SLOVENSKI STANDARD SIST EN IEC 61643-01:2025

01-junij-2025

Nadomešča:

SIST EN 61643-11:2012

SIST EN 61643-11:2012/A11:2018

Nizkonapetostne naprave za zaščito pred prenapetostnimi udari - 1. del: Splošne zahteve in preskusne metode (IEC 61643-01:2024)

Low-voltage surge protective devices - Part 01: General Requirements and test methods (IEC 61643-01:2024)

Überspannungsschutzgeräte für Niederspannung – Teil 1: Allgemeine Anforderungen und Prüfverfahren (IEC 61643-01:2024)

Parafoudres basse tension - Partie 01: Exigences générales et méthodes d'essai (IEC 61643-01:2024)

SIST EN IEC 61643-01:2025

<https://standards.iteh.ai/catalog/standards/sist/1d52251c-7d4d-47e6-a822-75ff77a7b70b/sist-en-iec-61643-01-2025>

Ta slovenski standard je istoveten z: EN IEC 61643-01:2025

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

SIST EN IEC 61643-01:2025

en

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 61643-01

April 2025

ICS 29.240.10

Supersedes EN 61643-11:2012 (partially)

English Version

**Low-voltage surge protective devices - Part 01: General
Requirements and test methods
(IEC 61643-01:2024)**

Parafoudres basse tension - Partie 01: Exigences
générales et méthodes d'essai
(IEC 61643-01:2024)

Überspannungsschutzgeräte für Niederspannung - Teil 1:
Allgemeine Anforderungen und Prüfverfahren
(IEC 61643-01:2024)

This European Standard was approved by CENELEC on 2025-01-24. 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.

SIST EN IEC 61643-01:2025

<https://standards.iteh.ai/catalog/standards/sist/1d52251c-7d4d-47e6-a822-75ff27a7b70b/sist-en-iec-61643-01-2025>



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 (E)**European foreword**

The text of document 37A/419/FDIS, future edition 1 of IEC 61643-01, 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 61643-01:2025.

The following dates are fixed:

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- latest date by which the national standards conflicting with the (dow) 2028-04-30 document have to be withdrawn

This document partially supersedes EN 61643-11:2012 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 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 EN IEC 61643-01:2025/A11:2025.

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.

Endorsement notice

The text of the International Standard IEC 61643-01:2024 was approved by CENELEC as a European Standard without any modification.

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

IEC 60038	NOTE	Approved as EN 60038
IEC 60060-2:2010	NOTE	Approved as EN 60060-2:2011 (not modified)
IEC 60060-3:2006	NOTE	Approved as EN 60060-3:2006 (not modified)
IEC 60269-1:2006	NOTE	Approved as EN 60269-1:2007 (not modified)
IEC 60269-1:2006/A1:2009	NOTE	Approved as EN 60269-1:2007/A1:2009 (not modified)
IEC 60269-1:2006/A2:2014	NOTE	Approved as EN 60269-1:2007/A2:2014 (not modified)
IEC 60269-2:2013	NOTE	Approved as HD 60269-2:2013
IEC 60269-2:2013/A1:2016	NOTE	Approved as HD 60269-2:2013/A1:2022 (not modified)
IEC 60320 series	NOTE	Approved as EN 60320 series

IEC 60364 series	NOTE	Approved as HD 60364 series
IEC 60364-4-44:2007	NOTE	Approved as HD 60364-4-442:2012
IEC 60364-5-51	NOTE	Approved as HD 60364-5-51
IEC 60603 series	NOTE	Approved as EN 60603 series
IEC 60947-1	NOTE	Approved as EN IEC 60947-1
IEC 60947-5-1	NOTE	Approved as EN 60947-5-1
IEC 61008-1	NOTE	Approved as EN 61008-1
IEC 61083-2:2013	NOTE	Approved as EN 61083-2:2013 (not modified)
IEC 61083-3:2020	NOTE	Approved as EN IEC 61083-3:2021 (not modified)
IEC 61140:2016	NOTE	Approved as EN 61140:2016 (not modified)
IEC 61643-12	NOTE	Approved as CLC/TS 61643-12
IEC 61643-21	NOTE	Approved as EN 61643-21
IEC 61643-311:2013	NOTE	Approved as EN 61643-311:2013 (not modified)
IEC 61643-312:2013	NOTE	Approved as EN 61643-312:2013 (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 61643-351:2016	NOTE	Approved as EN 61643-351:2017 (not modified)
IEC 61643-352:2018	NOTE	Approved as EN IEC 61643-352:2018 (not modified)
IEC 62305 series	NOTE	Approved as EN IEC 62305 series
IEC 62475:2010	NOTE	Approved as EN 62475:2010 (not modified)
ISO 2039-2:1987	NOTE	Approved as EN ISO 2039-2:1999 (not modified)
ISO 4892-2:2013	NOTE	Approved as EN ISO 4892-2:2013 (not modified)



IEC 61643-01

Edition 1.0 2024-12

INTERNATIONAL STANDARD

NORME INTERNATIONALE



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

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

SIST EN IEC 61643-01:2025

<https://standards.iteh.ai/catalog/standards/sist/1d52251c-7d4d-47e6-a822-75ff27a7b70b/sist-en-iec-61643-01-2025>

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

ICS 29.240.10

ISBN 978-2-8322-4974-1

**Warning! Make sure that you obtained this publication from an authorized distributor.
Attention! Veuillez vous assurer que vous avez obtenu cette publication via un distributeur agréé.**