

Components for low-voltage surge protection - Part
331: Performance requirements and test methods for
metal oxide varistors (MOV)

EESTI STANDARDI EESSÕNA

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See Eesti standard EVS-EN IEC 61643-331:2018 sisaldab Euroopa standardi EN IEC 61643-331:2018 ingliskeelset teksti.	This Estonian standard EVS-EN IEC 61643-331:2018 consists of the English text of the European standard EN IEC 61643-331:2018.
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English Version

**Components for low-voltage surge protective devices - Part 331:
Performance requirements and test methods for metal oxide
varistors (MOV)
(IEC 61643-331:2017)**

Composants pour protection par parafoudres basse tension
- Partie 331: Exigences de performance et méthodes
d'essai pour les varistances à oxyde métallique (MOV)
(IEC 61643-331:2017)

Bauelemente für Überspannungsschutzgeräte für
Niederspannung - Teil 331: Leistungsanforderungen und
Prüfverfahren für Metalloxidvaristoren (MOV)
(IEC 61643-331:2017)

This European Standard was approved by CENELEC on 2018-01-11. 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.

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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

European foreword

The text of document 37B/160/FDIS future edition 2 of IEC 61643-331, prepared by IEC/SC 37B: "Specific components for surge arresters and surge protective devices", of IEC/TC 37: "Surge arresters", was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61643-331:2018.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2018-10-11
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-01-11

This document supersedes EN 61643-331:2003.

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Endorsement notice

The text of the International Standard IEC 61643-331:2017 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 standards indicated:

IEC 60068-2-6:2007	NOTE	Harmonized as EN 60068-2-6:2008 (not modified).
IEC 60068-2-14:2009	NOTE	Harmonized as EN 6008-2-14:2009 (not modified).
IEC 60068-2-29:1987	NOTE	Harmonized as EN 6008-2-29:1993 (not modified).
IEC 60068-2-52:1996	NOTE	Harmonized as EN 6008-2-52:1996 (not modified).
IEC 60060-1:2010	NOTE	Harmonized as EN 60060-1:2010 (not modified).
IEC 61643-11:2011	NOTE	Harmonized as EN 61643-11:2012 (not modified).
IEC 61051-1:2007	NOTE	Harmonized as EN 61051-1:2008 (not modified).

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.

Publication	Year	Title	EN/HD	Year
IEC 60068-1	2013	Environmental testing -- Part 1: General and guidance	EN 60068-1	2014
IEC 60068-2-20	2008	Environmental testing -- Part 2-20: Tests - Test T: Test methods for solderability and resistance to soldering heat of devices with leads	EN 60068-2-20	2008
IEC 60068-2-21	2006	Environmental testing -- Part 2-21: Tests - Test U: Robustness of terminations and integral mounting devices	EN 60068-2-21	2006
IEC 60068-2-78	2012	Environmental testing -- Part 2-78: Tests - Test Cab: Damp heat, steady state	EN 60068-2-78	2013
IEC 61000-4-2	2008	Electromagnetic compatibility (EMC) -- Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test	EN 61000-4-2	2009
IEC 61643-11 (mod)	2011	Low-voltage surge protective devices -- Part 11: Surge protective devices connected to low-voltage power systems - Requirements and test methods	EN 61643-11	2012
-	-		+ A11	2018

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