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**Močnostna frekvenčna prenapetostna zaščitna naprava za gospodinjsko in podobno uporabo (POP)**

Power frequency overvoltage protective device for household and similar applications (POP)

Schutzeinrichtung gegen netzfrequente Überspannungen für Hausinstallationen und für ähnliche Anwendungen

Dispositif de protection contre les surtensions à fréquence industrielle pour les applications domestiques et analogues

<https://standards.iteh.ai/catalog/standards/sist/f26e901b-ce75-462b-8557-9673ec6315e/sist-en-50550-2011-a1-2014>

**Ta slovenski standard je istoveten z: EN 50550:2011/A1:2014**

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**ICS:**

29.120.50

Varovalke in druga  
medtokovna zaščitaFuses and other overcurrent  
protection devices**SIST EN 50550:2011/A1:2014****en,fr,de**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 50550:2011/A1**

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English Version

**Power frequency overvoltage protective device for household  
and similar applications (POP)**

Dispositif de protection contre les surtensions à fréquence  
industrielle pour les applications domestiques et analogues

Schutzeinrichtung gegen netzfrequente Überspannungen  
für Hausinstallationen und für ähnliche Anwendungen

This amendment A1 modifies the European Standard EN 50550:2011; it was approved by CENELEC on 2014-07-28. 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.

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

## Foreword

This document (EN 50550:2011/A1:2014) has been prepared by CLC/TC 23E "Circuit breakers and similar devices for household and similar applications".

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) 2015-07-28
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2017-07-28

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

This standard covers the Principle Elements of the Safety Objectives for Electrical Equipment Designed for Use within Certain Voltage Limits (LVD - 2006/95/EC).

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

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**Annex A**

Replace Table A.1 by the following new table:

**Table A.1 – Test sequences**

Test sequence	Clause or subclause	Test or inspection
A	6 8.1.1 8.1.2 9.3.5 8.1.3 and 8.1.4 9.12 9.13 9.14 9.15 9.16 9.17	Marking General Mechanism Indelibility of marking Clearance and creepage distances Reliability of screws, current carrying parts and connections Reliability of terminals for external conductors Protection against electric shock Resistance to mechanical shock and impact Resistance to heat Resistance to abnormal heat and to fire
B	9.4 9.5 9.11 9.6	Dielectrics properties Temperature rise Verification of safety performance of overstressed POPs Operating characteristics
C	9.7	Verification of the mechanical and electrical endurance
D	9.3.1 9.3.2.3 b) 1)	Operating characteristics of the main protective device Short circuit test (only for devices according to 4.2.3)
E	9.3.2.3 a) 9.3.2.3 b) 2) 9.3.2.3 c) <sup>b)</sup>	Short circuit test (only for devices according to 4.2.1) Short circuit test (only for devices according to 4.2.3) Short circuit test (only for devices according to 4.2.2)
F	9.3.3	Ageing of electronic components
G <sup>a)</sup>	9.10	Electromagnetic compatibility
H	9.8 and 9.9	Tests of creepage distances and clearances for electronic circuits
I	9.18	Verification of the correct operation at low ambient air temperatures for RCCBs for use at temperatures between -25 °C and +40 °C
<sup>a)</sup> EMC tests may be conducted on three sets of three samples. First set with tests T7.3 and T8.3, second set with tests T8.1, T8.5, T8.4 and T8.2, third set with tests T10.1, T10.2, T8.6 and T9.1, according to Tables 4, 5, 6 and 7 as applicable. <sup>b)</sup> Only for Icn tests.		