
Zaščitne naprave na preostali (diferenčni) tok za uporabo v gospodinjstvu in podobne namene – Elektromagnetna združljivost

(istoveten EN 61543:1995/A12:2005)

Residual current-operated protective devices (RCDs) for household and similar use - Electromagnetic compatibility

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EUROPEAN STANDARD

EN 61543/A12

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2005

ICS 29.020; 29.120.50

English version

**Residual current-operated protective devices (RCDs)
for household and similar use –
Electromagnetic compatibility**

Dispositifs différentiels résiduels (DDR)
pour usages domestiques et analogues -
Compatibilité électromagnétique

Fehlerstromschutzeinrichtungen (RCDs)
für Hausinstallationen und ähnliche
Verwendung –
Elektromagnetische Verträglichkeit

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This amendment A12 modifies the European Standard EN 61543:1995; it was approved by CENELEC on 2005-03-01. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

This amendment, aiming to improve some high frequency test conditions in EN 61543:1995/A11:2003, has been prepared by the Technical Committee CENELEC TC 23E, Circuit breakers and similar devices for household and similar applications.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as amendment A12 to EN 61543:1995 on 2005-03-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2006-03-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2008-03-01

Table 5

Replace the row concerning test T.2.1 by:

T2.1	Conducted sine-wave form voltages or currents	IEC 61000-4-6 ⁹⁾	0,15 MHz to 80 MHz Z=150 Ω 10 V for RCDs with $I_{\Delta n} \geq 30$ mA 3 V for RCDs with $I_{\Delta n} < 30$ mA and PRCDS/SRCDs	5.1.1
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Replace footnote ⁶⁾ by:

⁶⁾ Verification of non-tripping shall be carried out by sweeping the frequency range. Verification of tripping shall be carried out at 450 MHz and at 900 MHz and at 3 other frequencies selected at random within the specified range and different from one sample to another.

Add the following new footnote ⁹⁾:

⁹⁾ Verification of non-tripping shall be carried out by sweeping the frequency range. Verification of tripping shall be carried out at 5 frequencies selected at random within the specified range and different from one sample to another.