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**Low-voltage electrical installations -- Part 5-53:  
Selection and erection of electrical equipment -  
Isolation, switching and control -- Clause 534:  
Devices for protection against overvoltages**

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

Käesolev Eesti standard EVS-HD 60364-5-534:2008 sisaldab Euroopa standardi HD 60364-5-534:2008 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 20.10.2008 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 29.08.2008.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-HD 60364-5-534:2008 consists of the English text of the European standard HD 60364-5-534:2008.

This standard is ratified with the order of Estonian Centre for Standardisation dated 20.10.2008 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

Date of Availability of the European standard text 29.08.2008.

The standard is available from Estonian standardisation organisation.

ICS 29.020, 91.140.50

**Võtmesõnad:**

### Standardite reprodutseerimis- ja levitamiseõigus kuulub Eesti Standardikeskusele

Andmete paljundamine, taastekitamine, kopeerimine, salvestamine elektroonilisse süsteemi või edastamine ükskõik millises vormis või millisel teel on keelatud ilma Eesti Standardikeskuse poolt antud kirjaliku loata.

Kui Teil on küsimusi standardite autorikaitse kohta, palun võtke ühendust Eesti Standardikeskusega:  
Aru 10 Tallinn 10317 Eesti; [www.evs.ee](http://www.evs.ee); Telefon: 605 5050; E-post: [info@evs.ee](mailto:info@evs.ee)

**Low-voltage electrical installations -  
Part 5-53: Selection and erection of electrical equipment -  
Isolation, switching and control -  
Clause 534: Devices for protection against overvoltages  
(IEC 60364-5-53:2001/A1:2002 (Clause 534), modified)**

Installations électriques à basse tension -  
Partie 5-53: Choix et mise en oeuvre  
des matériels électriques -  
Sectionnement, coupure et commande -  
Article 534: Dispositifs pour la protection  
contre les surtensions  
(CEI 60364-5-53:2001/A1:2002  
(Article 534), modifiée)

Errichten von Niederspannungsanlagen -  
Teil 5-53: Auswahl und Errichtung  
elektrischer Betriebsmittel -  
Trennen, Schalten und Steuern -  
Abschnitt 534: Überspannung-  
Schutzeinrichtungen (ÜSE)  
(IEC 60364-5-53:2001/A1:2002  
(Abschnitt 534), modifiziert)

This Harmonization Document was approved by CENELEC on 2008-05-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this Harmonization Document at national level.

Up-to-date lists and bibliographical references concerning such national implementations may be obtained on application to the Central Secretariat or to any CENELEC member.

This Harmonization Document exists in three official versions (English, French, German).

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

The text of the International Standard IEC 60364-5-53:2001/A1:2002, Clause 534, prepared by IEC TC 64, Electrical installations and protection against electric shock, together with the common modifications prepared by SC 64A, Electrical installations and protection against electric shock – Protection against electric shock, of Technical Committee CENELEC TC 64, Electrical installations and protection against electric shock, was submitted to the formal vote and was approved by CENELEC as HD 60364-5-534 on 2008-05-01.

The following dates were fixed:

- latest date by which the existence of the HD has to be announced at national level (doa) 2008-11-01
- latest date by which the HD has to be implemented at national level by publication of a harmonized national standard or by endorsement (dop) 2009-05-01
- latest date by which the national standards conflicting with the HD have to be withdrawn (dow) 2011-05-01

In this document, the common modifications are indicated by a vertical line at the left margin of the text.

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## 530.2 Normative references

The following referenced documents are indispensable for the application 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 Where an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

IEC 60364-4-41 (mod)	-	Low voltage electrical installations - Part 4-41: Protection for safety - Protection against electric shock	HD 60364-4-41	-
IEC 60364-4-44	-	Electrical installations of buildings - Part 4-44: Protection for safety - Protection against voltage disturbances and electromagnetic disturbances	HD 60364-4-443	- <sup>1)</sup>
IEC 60364-6 (mod)	-	Low voltage electrical installations - Part 6: Verification	HD 60364-6	-
IEC 60664-1	-	Insulation coordination for equipment within low-voltage systems - Part 1: Principles, requirements and tests	EN 60664-1	-
IEC 62305-4	-	Protection against lightning - Part 4: Electrical and electronic systems within structures	EN 62305-4	-
IEC 61643-11 (mod)	-	Low-voltage surge protective devices - Part 11: Surge protective devices connected to low-voltage power systems - Requirements and tests	EN 61643-11	-
IEC 61643-12 (mod)	-	Low-voltage surge protective devices - Part 12: Surge protective devices connected to low-voltage power distribution systems - Selection and application principles	CLC/TS 61643-12	-

<sup>1)</sup> HD 60364-4-443:2006 is based on IEC 60364-4-44:2001/A1:2003 (modified), Clause 443: Protection against overvoltages of atmospheric origin or due to switching.