

**MADALPINGELISED ELEKTRIPAIGALDISED. OSA 5-557:
ELEKTRISEADMETE VALIK JA PAIGALDAMINE.
ABIAHELAD**

**Low-voltage electrical installations - Part 5-557:
Selection and erection of electrical equipment -
Auxiliary circuits**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-HD 60364-5-557:2014 sisaldab Euroopa standardi HD 60364-5-557:2013 ingliskeelset teksti.	This Estonian standard EVS-HD 60364-5-557:2014 consists of the English text of the European standard HD 60364-5-557:2013.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 20.12.2013.	Date of Availability of the European standard is 20.12.2013.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

ICS 91.140

Standardite reprodutseerimise ja levitamise õigus kuulub Eesti Standardikeskusele

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

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English version

**Low-voltage electrical installations -
Part 5-557: Selection and erection of electrical equipment -
Auxiliary circuits
(IEC 60364-5-55:2011/A1:2012 (Clause 557))**

Installations électriques à basse tension -
Partie 5-557: Choix et mise en œuvre des
matériels électriques -
Circuits auxiliaires
(CEI 60364-5-55:2011/A1:2012
(Article 557))

Errichten von Niederspannungsanlagen -
Teil 5-557: Auswahl und Errichtung
elektrischer Betriebsmittel -
Hilfsstromkreise
(IEC 60364-5-55:2011/A1:2012
(Abschnitt 557))

This Harmonization Document was approved by CENELEC on 2013-10-16. 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 CEN-CENELEC Management Centre 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, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

CENELEC

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

The text of document 64/1831/FDIS, future IEC 60364-5-55:2011/A1:2012 (Clause 557), prepared by IEC/TC 64 "Electrical installations and protection against electric shock" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as HD 60364-5-557:2013.

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) 2014-07-16
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2016-10-16

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Endorsement notice

The text of the International Standard IEC 60364-5-55:2011/A1:2012 (Clause 557) 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 60079	NOTE	Harmonized in EN 60079 series.
IEC 60155:1993	NOTE	Harmonized as EN 60155:1995 (not modified).
IEC 60204	NOTE	Harmonized in EN 60204 series.
IEC 60309	NOTE	Harmonized in EN 60309 series.
IEC 60332-1-1:2004	NOTE	Harmonized as EN 60332-1-1:2004 (not modified).
IEC 60332-1-2:2004	NOTE	Harmonized as EN 60332-1-2:2004 (not modified).
IEC 60364-1:2008	NOTE	Harmonized as HD 60364-1:2008 (modified)
IEC 60364-5-52:2009	NOTE	Harmonized as HD 60364-5-52:2011 (modified)
IEC 60598-1:2008	NOTE	Harmonized as EN 60598-1:2008 (modified)
IEC 60598-2-14	NOTE	Harmonized as EN 60598-2-14.
IEC 61140	NOTE	Harmonized as EN 61140.
IEC 61241	NOTE	Harmonized in EN 61241 series.

IEC 61347-1:2007	NOTE	Harmonized as EN 61347-1:2008 (modified)
IEC 61508-4:2010	NOTE	Harmonized as EN 61508-4:2010 (not modified).
IEC 61557-12	NOTE	Harmonized as EN 61557-12.
IEC 61558-2-6:2009	NOTE	Harmonized as EN 61558-2-6:2009 (not modified).
IEC 61936	NOTE	Harmonized in EN 61936 series.
IEC 61995	NOTE	Harmonized in EN 61995 series

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Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60038	-	IEC standard voltages	EN 60038	-
IEC 60364	series	Electrical installations of buildings / Low-voltage electrical installations	HD 384 / HD 60364	series
IEC 60364-1 (mod) + corr. August	2005 2009	Low-voltage electrical installations Part 1: Fundamental principles, assessment of general characteristics, definitions	HD 60364-1	2008
IEC 60364-4-41 (mod)	2005	Low-voltage electrical installations Part 4-41: Protection for safety - Protection against electric shock	HD 60364-4-41 + corr. July	2007 2007
IEC 60364-4-42	-	Low voltage electrical installations Part 4-42: Protection for safety - Protection against thermal effects	HD 60364-4-42	-
IEC 60364-4-43 (mod) + corr. October	2008 2008	Low voltage electrical installations Part 4-43: Protection for safety - Protection against overcurrent	HD 60364-4-43	2010
IEC 60364-4-44	2007	Low-voltage electrical installations Part 4-44: Protection for safety - Protection against voltage disturbances and electromagnetic disturbances	-	-
IEC 60364-5-52 (mod) + corr. February	2009 2011	Low-voltage electrical installations Part 5-52: Selection and erection of electrical equipment - Wiring systems	HD 60364-5-52	2011
IEC 60364-5-53	2001	Electrical installations of buildings Part 5-53: Selection and erection of electrical equipment - Isolation, switching and control	-	-
IEC 60364-7-712	-	Electrical installations of buildings Part 7-712: Requirements for special installations or locations - Solar photovoltaic (PV) power supply systems	HD 60364-7-712	-
IEC 60364-7-717	-	Low-voltage electrical installations Part 7-717: Requirements for special installations or locations - Mobile or transportable units	HD 60364-7-717	-

IEC 61439-1	2011	Low-voltage switchgear and controlgear assemblies Part 1: General rules	EN 61439-1	2011
IEC 61508	series	Functional safety of electrical/electronic/programmable electronic safety-related systems	EN 61508	series
IEC 61557-8	-	Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures Part 8: Insulation monitoring devices for IT systems	EN 61557-8	-
IEC 61557-9	-	Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures Part 9: Equipment for insulation fault location in IT systems	EN 61557-9	-