# MADALPINGELISED ELEKTRIPAIGALDISED. Osa 6: Kontrollitoimingud

# Low-voltage electrical installations - Part 6: Verification

EESTI STANDARDIKESKUS
ESTONIAN CENTRE FOR STANDARDISATION

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

| | |
|---|---|
| See Eesti standard EVS-HD 60364-6:2016+A11:2017 sisaldab Euroopa standardi HD 60364-6:2016, selle paranduse AC:2017 ja muudatuse A11:2017 ingliskeelset teksti. | This Estonian standard EVS-HD 60364-6:2016+A11:2017 consists of the English text of the European standard HD 60364-6:2016, its corrigendum AC:2017 and amendment A11:2017. |
| 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 01.07.2016, muudatuse A11 17.03.2017. | Date of Availability of the European standard is 01.07.2016, for amendment A11 17.03.2017. |
| 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 91.140.50

HARMONIZATION DOCUMENT **HD 60364-6**

DOCUMENT D'HARMONISATION

HARMONISIERUNGSDOKUMENT July 2016

ICS 91.140.50 Supersedes HD 60364-6:2007

English Version

# Low-voltage electrical installations - Part 6: Verification (IEC 60364-6:2016)

Installations électriques à basse tension - Partie 6: Vérification (IEC 60364-6:2016)

Errichten von Niederspannungsanlagen - Teil 6: Prüfungen (IEC 60364-6:2016)

This Harmonization Document was approved by CENELEC on 2016-06-01. 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 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.




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**



Ref. No. HD 60364-6:2016 E

## European foreword

The text of document 64/2107/FDIS, future edition 2 of IEC 60364-6 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 60364-6:2016.

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) 2017-03-01
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2019-06-01

This document supersedes HD 60364-6:2007.

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.

## Endorsement notice

The text of the International Standard IEC 60364-6:2016 was approved by CENELEC as a Harmonization Document without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

| | | |
|---|---|---|
| IEC 60238 | NOTE | Harmonized as EN 60238. |
| IEC 60364-4-43 | NOTE | Harmonized as EN 60364-4-43. |
| IEC 61557-2 | NOTE | Harmonized as EN 61557-2. |
| IEC 61557-3 | NOTE | Harmonized as EN 61557-3. |
| IEC 61557-5 | NOTE | Harmonized as EN 61557-5. |
| IEC 61557-8 | NOTE | Harmonized as EN 61557-8. |
| IEC 62020 | NOTE | Harmonized as EN 62020. |

# 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 1 When 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 60079-17 | - | Explosive atmospheres -- Part 17: Electrical installations inspection and maintenance | EN 60079-17 | - |
| IEC 60364 | series | Low-voltage electrical installations | HD 60364 | series |
| IEC 60364-4-41 (mod) | 2005 | Low-voltage electrical installations -- Part 4-41: Protection for safety - Protection against electric shock | HD 60364-4-41 | 2007 |
| - | - | | + corrigendum Jul. | 2007 |
| IEC 60364-4-42 (mod) | 2010 | Low-voltage electrical installations - Part 4-42: Protection for safety - Protection against thermal effects | HD 60364-4-42 | 2011 |
| + A1 | 2014 | | + A1 | 2015 |
| IEC 60364-4-44 (mod) | 2007 | Low-voltage electrical installations -- Part 4-44: Protection for safety - Protection against voltage disturbances and electromagnetic disturbances | HD 60364-4-442 | 2012 |
| + A1 (mod) | 2015 | | HD 60364-4-443 | 2016 |
| IEC 60364-5-51 (mod) | 2005 | Electrical installations of building -- Part 5-51: Selection and erection of electrical equipment - Common rules | HD 60364-5-51 | 2009 |
| - | - | | + A11 | 2013 |
| IEC 60364-5-52 (mod) | 2009 | 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 | | - |
| + A1 (mod) | 2002 | | HD 60364-5-534 | 2008 |
| + A2 (mod) | 2015 | | HD 60364-5-534 | 2016 |
| IEC 60364-5-54 | - | Low-voltage electrical installations -- Part 5-54: Selection and erection of electrical equipment - Earthing arrangements and protective conductors | HD 60364-5-54 | - |
| IEC 61557-6 | - | 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 6: Effectiveness of residual current devices (RCD) in TT, TN and IT systems | EN 61557-6 | - |

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|---|---|---|---|---|
| IEC 61557 | series | 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 | EN 61557 | series |

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