



**NSAI**  
Standards

Irish Standard Recommendation  
S.R. HD 60364-5-53:2015&A11:2017

# Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Switchgear and controlgear

**S.R. HD 60364-5-53:2015&A11:2017**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

HD 60364-5-53:2015/A11:2017

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*This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):*

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## National Foreword

S.R. HD 60364-5-53:2015&A11:2017 is the adopted Irish version of the European Document HD 60364-5-53:2015, Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Switchgear and controlgear

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HARMONIZATION DOCUMENT  
DOCUMENT D'HARMONISATION  
HARMONISIERUNGSDOKUMENT

**HD 60364-5-53:2015/A11**

August 2017

ICS 91.140.50; 29.120.50

English Version

**Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Switchgear and controlgear**

Installations électriques basse tension - Partie 5-53: Choix et mise en œuvre des matériels électriques - Appareillage

Errichten von Niederspannungsanlagen - Teil 5-53: Auswahl und Errichtung elektrischer Betriebsmittel - Schalt- und Steuergeräte

This amendment A11 modifies the Harmonization Document HD 60364-5-53:2015; it was approved by CENELEC on 2017-05-31. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this amendment 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 amendment 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, Serbia, 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**

**HD 60364-5-53:2015/A11:2017 (E)**

## **European foreword**

This document (HD 60364-5-53:2015/A11:2017) has been prepared by CLC/TC 64, "Electrical installations and protection against electric shock".

The following dates are fixed:

- latest date by which this document has (dop) 2018-05-31  
to be implemented at national level by  
publication of an identical national  
standard or by endorsement
- latest date by which the national (dow) 2020-05-31  
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Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

HARMONIZATION DOCUMENT  
DOCUMENT D'HARMONISATION  
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**HD 60364-5-53**

November 2015

ICS 91.140.50, 29.120.50

Supersedes HD 50573-5-57:2014, HD 60364-5-53:2015

English Version

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This Harmonization Document was approved by CENELEC on 2015-07-17. 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.

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Europäisches Komitee für Elektrotechnische Normung

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

HD 60364-5-53:2015

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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) 2016-07-17
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2018-07-17

This document supersedes HD 60364-5-53:2015 and HD 50573-5-57:2014.

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## **530 Introduction**

### **530.1 Scope**

This part of HD 60364 deals with general requirements for isolation, switching, control and monitoring and with the requirements for selection and erection of the devices provided to fulfil such functions.

### **530.2 Normative references**

HD 384.4.46 S2, *Electrical installations of buildings - Part 4: Protection for safety - Chapter 46: Isolation and switching*

HD 384.5.537 S2, *Electrical installations of buildings - Part 5: Selection and erection of electrical equipment - Chapter 53: Switchgear and controlgear - Section 537: Devices for isolation and switching*

HD 50573-5-57, *Co-ordination of electrical equipment for protection, isolation, switching and control*

EN 60269 (all parts), *Low-voltage fuses (IEC 60269, all parts)*

HD 60364-1, *Low-voltage electrical installations - Part 1: Fundamental principles, assessment of general characteristics, definitions (IEC 60364-1)*

HD 60364-4-41, *Low-voltage electrical installations - Part 4-41: Protection for safety - Protection against electric shock (IEC 60364-4-41)*

HD 60364-4-42, *Low voltage electrical installations - Part 4-42: Protection for safety - Protection against thermal effects (IEC 60364-4-42)*

HD 60364-4-43:2010, *Low-voltage electrical installations – Part 4-43: Protection for safety – Protection against overcurrent (IEC 60364-4-43:2008, mod. + corrigendum Oct. 2008)*

HD 60364-5-51:2009, *Electrical installations of buildings – Part 5-51: Selection and erection of electrical equipment – Common rules (IEC 60364-5-51:2005, mod.)*

HD 60364-5-534, *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 60364-5-534)*

EN 60669-2-2, *Switches for household and similar fixed electrical installations – Part 2-2: particular requirements – Electromagnetic remote-control switches (RCS) (IEC 60069-2-2)*

EN 60669-2-4, *Switches for household and similar fixed electrical installations – Part 2-4: particular requirements – Isolating switches (IEC 60669-2-4)*

EN 60670 (all parts), *Boxes and enclosures for electrical accessories for household and similar fixed electrical installations (IEC 60670, all parts)*

EN 60898-1, *Electrical accessories - Circuit breakers for overcurrent protection for household and similar installations - Part 1: Circuit-breakers for a.c. operation (IEC 60898-1)*

EN 60898-2, *Electrical accessories - Circuit-breakers for overcurrent protection for household and similar installations - Part 2: Circuit-breakers for a.c. and d.c. operation (IEC 60898-2)*

EN 60947-1, *Low-voltage switchgear and controlgear – Part 1: General rules (IEC 60947-1)*

EN 60947-2:2006, *Low-voltage switchgear and controlgear - Part 2: Circuit-breakers (IEC 60947-2:2006)*

EN 60947-3, *Low-voltage switchgear and controlgear - Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units (IEC 60947-3)*

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