



Standard Recommendation
S.R. HD 60364-5-53:2022

Version 1.00

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

S.R. HD 60364-5-53:2022 V1.00

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National Foreword

S.R. HD 60364-5-53:2022 V1.00 is the version of the NSAI adopted European document HD 60364-5-53:2022, *Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Switchgear and controlgear*, including any Corrections, Amendments etc. to HD 60364-5-53:2022.

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HARMONIZATION DOCUMENT

HD 60364-5-53

DOCUMENT D'HARMONISATION

HARMONISIERUNGSDOKUMENT

May 2022

ICS 91.140.50; 29.120.50

Supersedes HD 60364-5-534:2016 HD 60364-5-537:2016
HD 60364-5-53:2015 HD 60364-5-537:2016 + A11:2017
HD 60364-5-53:2015 + A11:2017

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 oeuvre des matériels électriques - Appareillage

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

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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).

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HD 60364-5-53:2022 (E)

European foreword

This document (HD 60364-5-53:2022) 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) 2022-11-13
to be implemented at national level by
publication of an identical national
standard or by endorsement
- latest date by which the national (dow) 2025-05-13
standards conflicting with this document
have to be withdrawn

This document supersedes HD 60364-5-53:2015, HD 60364-5-534:2016 and HD 60364-5-537:2016 and all of their amendments and corrigenda (if any).

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Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

1 Introduction

1.1 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.

1.2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

EN 60038, *CENELEC standard voltages (IEC 60038)*

EN 60269 (series), *Low-voltage fuses (IEC 60269 series)*

EN 60309 (series), *Plugs, socket-outlets and couplers for industrial purposes (IEC 60309 series)*

HD 60364-1:2008, *Low-voltage electrical installations - Part 1: Fundamental principles, assessment of general characteristics, definitions (IEC 60364-1:2005)*

HD 60364-4-41:2007, *Low-voltage electrical installations - Part 4-41: Protection for safety - Protection against electric shock (IEC 60364-4-41:2005)*

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 60364-4-44:2016, *Low-voltage electrical installations - Part 4-44: Protection for safety - Protection against voltage disturbances and electromagnetic disturbances - Clause 443: Protection against transient overvoltages of atmospheric origin or due to switching (IEC 60364-4-44:2007/A1:2015, mod.)*

HD 60364-4-46:2016, *Low-voltage electrical installations - Part 4-46: Protection for safety - Isolation and switching*

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 60364-5-54, *Low-voltage electrical installations - Part 5-54: Selection and erection of electrical equipment - Earthing arrangements and protective conductors (IEC 60364-5-54)*

EN 60669-1, *Switches for household and similar fixed-electrical installations - Part 1: General requirements (IEC 60669-1)*

EN 60669-2-1, *Switches for household and similar fixed electrical installations – Part 2-1: Particular requirements – Electronic switches (IEC 60669-2-1)*

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 60669-2-3, *Switches for household and similar fixed electrical installations - Part 2-3: Particular requirements - Time delay switches (TDS) (IEC 60669-2-3)*

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

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