



**NSAI**  
Standards

Irish Standard Recommendation  
S.R. HD 60364-4-41:2017&A11:2017&A12:2019

# Low-voltage electrical installations - Part 4-41: Protection for safety - Protection against electric shock

**S.R. HD 60364-4-41:2017&A11:2017&A12:2019**

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

HD 60364-4-41:2017/A11:2017

HD 60364-4-41:2017/A12:2019

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## National Foreword

S.R. HD 60364-4-41:2017&A11:2017&A12:2019 is the adopted Irish version of the European Document HD 60364-4-41:2017, Low-voltage electrical installations - Part 4-41: Protection for safety - Protection against electric shock

This document does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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HARMONIZATION DOCUMENT

**HD 60364-4-41:2017/A12**

DOCUMENT D'HARMONISATION

HARMONISIERUNGSDOKUMENT

August 2019

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ICS 91.140.50; 13.260

English Version

## Low-voltage electrical installations - Part 4-41: Protection for safety - Protection against electric shock

Installations électriques à basse tension - Partie 4-41:  
Protection pour assurer la sécurité - Protection contre les  
chocs électriques

Errichten von Niederspannungsanlagen - Teil 4-41:  
Schutzmaßnahmen - Schutz gegen elektrischen Schlag

This amendment A12 modifies the Harmonization Document HD 60364-4-41:2017; it was approved by CENELEC on 2019-07-17. 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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, 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: Rue de la Science 23, B-1040 Brussels**

**HD 60364-4-41:2017/A12:2019 (E)**

## **European foreword**

This document (HD 60364-4-41:2017/A12:2019) 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) 2020-07-17  
to be implemented at national level by  
publication of an identical national  
standard or by endorsement
- latest date by which the national (dow) 2022-07-17  
standards conflicting with this document  
have to be withdrawn

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.

## 1 Modification to Annex ZB, "A-deviations"

Add the following A-deviation for Spain:

"

| <u>Country</u> | <u>Clause</u>       | <u>Deviation</u>  |
|----------------|---------------------|---|
| <b>Spain</b>   | <b>Clause 411.7</b> | <p>The Spanish wiring rules, mandatory by Royal Decree 842/2002, article 4 and ITC-BT 36, include a different value for the upper limit of ELV in d.c.</p> <p>In Spain the upper limit of ELV in d.c. is 75V.</p> |
| <b>Spain</b>   | <b>Clause 414</b>   | <p>The Spanish wiring rules, mandatory by Royal Decree 842/2002, article 4 and ITC-BT 36, include a different value for the upper limit of ELV in d.c.</p> <p>In Spain the upper limit of ELV in d.c. is 75V.</p> |

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EUROPEAN STANDARD

**HD 60364-4-41:2017/A11**

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2017

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English Version

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Errichten von Niederspannungsanlagen - Teil 4-41:  
Schutzmaßnahmen - Schutz gegen elektrischen Schlag

This amendment A11 modifies the European Standard HD 60364-4-41:2017; 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 giving this amendment the status of a national standard without any alteration.

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This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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

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**HD 60364-4-41:2017/A11:2017 (E)**

## **European foreword**

This document (HD 60364-4-41:2017/A11:2017) has been prepared by CLC/TC 64, "Electrical installations and protection against electric shock".

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- latest date by which this document has (dop) 2018-05-31  
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- latest date by which the national (dow) 2020-05-31  
standards conflicting with this document  
have to be withdrawn

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.

## 1 Modification to Annex ZB

Add the following A-deviations for Denmark:

| <u>Country</u> | <u>Clause</u>    | <u>Deviation</u>  |
|----------------|------------------|---|
| <b>Denmark</b> | <b>411.3.1.1</b> | <p>In Denmark applies, Executive Order on Safety in connection with the Construction and Operation of Electrical Installations.<br/>Executive Order no. 1082 from July 12th, 2016, § 54</p> <p>(1). The protective conductor must be transferred to portable class I equipment connected to a socket-outlet unless the electrical installation is protected by an RCD with a rated operating current not exceeding 30mA, cf. however subsections (2) - (3). (2). The protective conductor from connection points must be transferred to portable class I electromedical equipment connected to a socket-outlet. (3). In housing units built after July 1st 2017, the protective conductor must be transferred to portable class I equipment connected to a socket-outlet.</p> |

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