



SLOVENSKI STANDARD
SIST HD 60364-4-41:2007/A11:2017
01-oktober-2017

Niskonapetostne električne inštalacije - 4-41. del: Zaščitni ukrepi - Zaščita pred električnim udarom - Dopolnilo A11

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

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

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

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Ta slovenski standard je istoveten z: HD 60364-4-41:2007/A11:2017

ICS:

13.260	Varstvo pred električnim udarom. Delo pod napetostjo	Protection against electric shock. Live working
91.140.50	Sistemi za oskrbo z elektriko	Electricity supply systems

SIST HD 60364-4-41:2007/A11:2017 en

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HARMONIZATION DOCUMENT
DOCUMENT D'HARMONISATION
HARMONISIERUNGSDOKUMENT

HD 60364-4-41:2007/A11

August 2017

ICS 13.260; 91.140.50

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 A11 modifies the Harmonization Document HD 60364-4-41:2007; 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.

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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 60364-4-41:2007/A11:2017 (E)

European foreword

This document (HD 60364-4-41:2007/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
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.

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1 Modification to Annex ZB

Add the following A-deviations for Denmark:

Country	Clause	Deviation
Denmark	411.3.3	<p>In Denmark applies, Executive Order on Safety in connection with the Construction and Operation of Electrical Installations. Executive Order no. 1082 from July 12th, 2016, § 35</p> <p>(1). In the fixed electrical installation, socket-outlets for household and similar purposes with a rated current up to and including 20A and other connection points in fixed electrical installations with overcurrent protection up to and including 32A must be protected by automatic disconnection of supply. (2). The protective equipment used must be an RCD with a rated operating current not exceeding 30mA. (3). Socket-outlets for certain current using equipment which for operational reasons are not protected with an RCD with a rated operating current not exceeding 30mA, cf. subsection (2) above, must be protected through automatic disconnection of supply by means of other protective equipment than RCDs with a rated operating current not exceeding 30mA. (4). Socket-outlets according to subsection (3) above must be placed or marked in such a way that they will not be used for connection of other current using equipment. (5). The requirement in subsection (1) above does not apply to: i) An electrical installation or parts of it to which only class II equipment is permanently connected when such electrical installation is not equipped with socket-outlets or other connection points. ii) An electrical installation with socket-outlets or other connection points protected by electrical separation or by extra low voltage, SELV or PELV. iii) An electrical installation with IT system earthing and isolation monitoring. iv) Connection points other than socket-outlets which for operational reasons are not to be protected by an RCD with a rated operating current not exceeding 30mA. These connection points must in such case be protected by automatic disconnection of supply by means of other protective equipment. v) Hospital socket-outlets and ITE socket-outlets connected to a protective conductor and which for operational reasons cannot be or is not wished to be protected by an RCD with a rated operating current not exceeding 30mA. These socket-outlets must in such case be protected by automatic disconnection of supply by means of other protective equipment.</p>
Denmark	411.3.1.1	<p>In Denmark applies, Executive Order on Safety in connection with the Construction and Operation of Electrical Installations. 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>