



SLOVENSKI STANDARD
SIST HD 60364-1:2008/A11:2017
01-oktober-2017

Nizkonapetostne električne inštalacije - 1. del: Temeljna načela, ocena splošnih karakteristik, definicije - Dopolnilo A11

Low-voltage electrical installations - Part 1: Fundamental principles, assessment of general characteristics, definitions

Errichten von Niederspannungsanlagen - Teil 1: Allgemeine Grundsätze, Bestimmungen allgemeiner Merkmale, Begriffe

Installations électriques à basse tension - Partie 1: Principes fondamentaux, détermination des caractéristiques générales, définitions

<https://standards.iteh.ai/catalog/standards/sist/4d79ee91-73c9-4ad8-8701-0ecc8bbd0f48/sist-hd-60364-1-2008-a11-2017>

Ta slovenski standard je istoveten z: HD 60364-1:2008/A11:2017

ICS:

91.140.50 Sistemi za oskrbo z elektriko Electricity supply systems

SIST HD 60364-1:2008/A11:2017 en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST HD 60364-1:2008/A11:2017](https://standards.iteh.ai/catalog/standards/sist/4d79ee91-73c9-4ad8-8701-0ecc8bbd0f48/sist-hd-60364-1-2008-a11-2017)

<https://standards.iteh.ai/catalog/standards/sist/4d79ee91-73c9-4ad8-8701-0ecc8bbd0f48/sist-hd-60364-1-2008-a11-2017>

HARMONIZATION DOCUMENT
DOCUMENT D'HARMONISATION
HARMONISIERUNGSDOKUMENT

HD 60364-1:2008/A11

August 2017

ICS 91.140.50

English Version

Low-voltage electrical installations - Part 1: Fundamental principles, assessment of general characteristics, definitions

Installations électriques à basse tension - Partie 1:
Principes fondamentaux, détermination des caractéristiques
générales, définitions

Errichten von Niederspannungsanlagen - Teil 1: Allgemeine
Grundsätze, Bestimmungen allgemeiner Merkmale, Begriffe

This amendment A11 modifies the Harmonization Document HD 60364-1:2008; 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.

<https://standards.iteh.ai/catalog/standards/sist/4d79ee91-73c9-4ad8-8701-0ecc8bbd0f48/sist-hd-60364-1-2008-a11-2017>



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 60364-1:2008/A11:2017 (E)

European foreword

This document (HD 60364-1:2008/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.

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST HD 60364-1:2008/A11:2017](https://standards.iteh.ai/catalog/standards/sist/4d79ee91-73c9-4ad8-8701-0ecc8bbd0f48/sist-hd-60364-1-2008-a11-2017)

<https://standards.iteh.ai/catalog/standards/sist/4d79ee91-73c9-4ad8-8701-0ecc8bbd0f48/sist-hd-60364-1-2008-a11-2017>

1 Addition of Annex ZB

Add a new Annex ZB as follows:

Annex ZB (informative)

A-deviations

A-deviation: National deviation due to regulations, the alteration of which is for the time being outside competence of the CENELEC national member.

This Harmonization Document does not fall under any Directive of the EC.

In the relevant CENELEC countries these A-deviations are valid instead of the provisions of the Harmonization Document until they have been removed

<u>Country</u>	<u>Clause</u>	<u>Reference to National Regulation</u>	<u>Wording</u>
DK	311	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, § 56	(1). The number of final circuits supplying 250V socket-outlets and other connection points for luminaires and current using equipment with a limited energy consumption over time must at least be equal to the total living space divided by 50, but there must always be at least two final circuits. (2). The total living space is calculated in accordance with the directions of the Danish Buildings and Homes Register. (3). A two-phase or three-phase final circuit is regarded as one final circuit only. (4). The following are not included in the number of final circuits pursuant to subsection (1) above: i) Final circuits for current using equipment that have a high energy consumption over time. ii) Final circuits to which one-phase current using equipment with a nominal current exceeding 6A are connected when the load on the circuit may be expected to be continuous for more than two hours.
DK	311	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, § 57	57(1). In each room of the housing unit, the number of 250V socket-outlets in the fixed electrical installation must be at least one for each commenced area of 4m ² . However no more than 10 socket-outlets is required. (2). In kitchen areas there must be at least three socket-outlets. They must be placed where portable current using equipment connected to socket-outlets are intended to be used and must be distributed on at least two final circuits. (3). Kitchenettes must have minimum one socket-outlet, which must be placed where portable current using equipment connected to socket-outlets are intended to be used. (4). Toilets and bathrooms are not covered by subsection (1) above. However, there must be at least one socket-outlet, unless the bathroom is so small that other safety requirements prevent the installation of socket-outlets. (5). Garages, carports, attics, storage rooms and the like are not covered by subsection (1) above.

HD 60364-1:2008/A11:2017 (E)

<u>Country</u>	<u>Clause</u>	<u>Reference to National Regulation</u>	<u>Wording</u>
DK	312.2.1	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, § 27	(1). An electrical installation supplied from a low-voltage distribution network may be constructed as a TN system in the following cases, provided that the electrical supply system supplying power to the installation is constructed as a TN system: i) Where the electrical installation is supplied from its own substation. ii) Where the supply line comes directly from the substation and a cable is used. iii) Where a TN system is already used in the electrical installation. iv) Where the owner of the electrical supply system has issued a special permission. (2). The owner of the electrical supply system can only refuse permission to use a TN system in the cases mentioned in subsection (1)(i) and (ii) above if the construction of a TN system in the existing low-voltage distribution network is associated with excessive technical difficulties. (3). A TN system may be used without the permission of the owner of the electrical supply system in the case mentioned in subsection (1)(iii).
DK	312.2.1	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, § 28 https://standards.iteh.ai/catalog/standards/sist/4d72e91c-73c9-4a16-8741-0ecc8bbd0f48/sist-hd-60364-1-2008-a11-2017	(1). In buildings it is not permitted to have a TN-C system after the first switchgear and controlgear assembly or distribution point. After the first switchgear and controlgear assembly or distribution point, separate protective conductors and neutral conductors must always be used. (2). Subsection (1) above shall not apply in case of an extension or modification of an existing electrical installation and for substations.