



SLOVENSKI STANDARD
SIST HD 60364-8-2:2019/A11:2019

01-november-2019

**Nizkonapetostne električne inštalacije - 8-2. del: Električne inštalacije
proizvajalcev-odjemalcev - Dopolnilo A11**

Low-voltage electrical installations - Part 8-2: Prosumer's low-voltage electrical
installations

Errichten von Niederspannungsanlagen – Teil 8-2: Kombinierte
Erzeugungs-/Verbrauchsanlagen

Installations électriques à basse tension - Partie 8-2: Installations électriques à basse
tension du prosummateur

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[2a86a6e8d89a/sist-hd-60364-8-2:2019/a11:2019](https://standards.iteh.ai/catalog/standards/sist/0e90f2b7-e940-4554-b497-2a86a6e8d89a/sist-hd-60364-8-2:2019/a11:2019)

Ta slovenski standard je istoveten z: HD 60364-8-2:2018/A11:2019

ICS:

91.140.50 Sistemi za oskrbo z elektriko Electricity supply systems

SIST HD 60364-8-2:2019/A11:2019 en

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EUROPEAN STANDARD

HD 60364-8-2:2018/A11

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2019

ICS 91.140.50

English Version

Low-voltage electrical installations - Part 8-2: Prosumer's low-voltage electrical installations

Installations électriques à basse tension - Partie 8-2:
Installations électriques à basse tension du prosommateur

Errichten von Niederspannungsanlagen - Teil 8-2:
Kombinierte Erzeugungs-/Verbrauchsanlagen

This amendment A11 modifies the European Standard HD 60364-8-2:2018; it was approved by CENELEC on 2018-09-13. 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.

Up-to-date lists and bibliographical references concerning such national standards 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). 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.

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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.

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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 60364-8-2:2018/A11:2019 (E)**European foreword**

This document (HD 60364-8-2:2018/A11:2019) 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 to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2020-02-02
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2022-08-02

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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<https://standards.iteh.ai/catalog/standards/sist/0e90f2b7-e940-4554-b497-2c86a6e8d89a/sist-hd-60364-8-2-2019-a11-2019>

Replace the Annex ZA of HD 60364-8-2:2018 by the following:

Annex ZA
(normative)

**Normative references to international publications
with their corresponding European publications**

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.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60364	Series	Low voltage electrical installations	HD 60364	Series
IEC 60364-4-41 (mod.) +A1 (mod.)	2005 2017	Low-voltage electrical installations - Part 4-41: Protection for safety - Protection against electric shock	HD 60364-4-41	2017
IEC 60364-4-43 (mod.)	2008	Low-voltage electrical installations - Part 4-43: Protection for safety - Protection against voltage overcurrent	HD 60364-4-43	2010
IEC 60364-5-53 +A1 (mod.) +A2 (mod.)	2001 2002 2015	Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Isolation, switching and control - Clause 534: Devices for protection against transient overvoltages	HD 60364-5-534	2016
IEC 60364-5-55 +A1	2011 2012	Low-voltage electrical installations - Part 5-559: Selection and erection of electrical equipment - Luminaires and lighting installations	HD 60364-5-559	2012
+A2	2016	Low-voltage electrical installations - Part 5-55: Selection and erection of electrical equipment - Other equipment	-	-
IEC 60364-7-712	-	Low-voltage electrical installations: Part 7-712: Requirements for special installations or locations - Solar photovoltaic (PV) power supply systems	HD 60364-7-712	-
IEC 60364-8-1	2014	Low-voltage electrical installations: Part 8-1: Energy efficiency	HD 60364-8-1	2015

HD 60364-8-2:2018/A11:2019 (E)

Add the following Annex ZB:

Annex ZB
(normative)

Special National Conditions

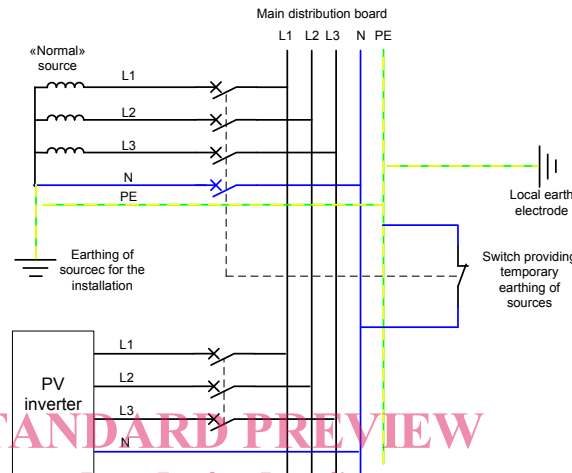
Special national condition: National characteristic or practice that cannot be changed even over a long period, e.g. climatic conditions, electrical earthing conditions.

NOTE If it affects harmonization, it forms part of the Harmonization Document.

For the countries in which the relevant special national conditions apply these provisions are normative, for other countries they are informative.

Country	Clause n°	Wording
Austria	General	National regulations exist. The content of the document will therefore be used for information only.
	6.4 to 6.5	There is no legal basis in some countries to establish such a system.
	7.2	In Austria, with regard to collective or shared PEI, there is no legal basis to establish such a system.
Norway	8.1.1.1	In Norway, replace the last 3 paragraphs of 8.1.1.1 with the following: The selected type of system earthing for the installation shall be ensured in all operation modes. The measures for protection against electric shock shall comply with the relevant requirements of NEK 400-4-41:2018 and NEK 400-5-51:2018, clause 551 (HD 60364-4-41 and HD 60364-5-55, clause 551).
	8.1.1.2.1	In Norway, the first two paragraphs are replaced by the following: In order to ensure that the type of system earthing is maintained in all operation modes, a PEI shall be provided with its own earth electrode. This earth electrode shall be connected to the main earthing terminal of the installation.

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	8.1.1.2.2	<p>In Norway, the complete clause is replaced by the following: In a TT- or TT-installation with more than one generating set (including the network supply) and where it is planned that a generating set shall be able to supply the installation independent from the other supplies, the neutral point of this generating set shall be permanently and without any possibility for disconnection connected to the earthing of the sources for the installation. In those cases where the earthing of the sources system earthing is provided by one of the generating set or supplies, a temporary earthing of the sources for the installation shall be established before the earthing of the sources for the installation is disconnected. This temporary earthing of the sources shall be disconnected after the reconnection of the earthing of the sources for the installation. NOTE It is necessary to ensure that the N- and PE-conductors inside the generating sets are not interconnected. The following figure illustrates this concept:</p> 
	8.1.1.2.3	In Norway, this clause does not apply
Portugal	6.4 to 6.5	There is no legal basis in some countries to establish such a system.

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Bibliography

Modify the bibliography as follows:

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

- | | | | |
|-----|---------------------|------|--|
| [1] | IEC 60364-1:2005 | NOTE | Harmonized as HD 60364-1:2008 (modified). |
| [2] | IEC 60364-5-51:2005 | NOTE | Harmonized as HD 60364-5-51:2009 (modified). |