



SLOVENSKI STANDARD

SIST HD 60364-7-715:2012

01-maj-2012

Nadomešča:

SIST HD 60364-7-715:2005

Nizkonapetostne električne inštalacije – 7-715. del: Zahteve za posebne inštalacije ali lokacije – Inštalacije razsvetljav za malo napetost (IEC 60364-7-715:2011, spremenjen)

Low-voltage electrical installations - Part 7-715: Requirements for special installations or locations - Extra-low-voltage lighting installations

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Errichten von Niederspannungsanlagen - Teil 7-715: Anforderungen für Betriebsstätten, Räume und Anlagen besonderer Art - Kleinspannungsbeleuchtungsanlagen

[SIST HD 60364-7-715:2012](#)

Installations électriques à basse tension - Partie 7-715: Règles pour les installations et emplacements spéciaux - Installations d'éclairage à très basse tension

Ta slovenski standard je istoveten z: HD 60364-7-715:2012

ICS:

29.140.50	Instalacijski sistemi za razsvetljavo	Lighting installation systems
91.140.50	Sistemi za oskrbo z elektriko	Electricity supply systems

SIST HD 60364-7-715:2012 en

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HARMONIZATION DOCUMENT
DOCUMENT D'HARMONISATION
HARMONISIERUNGSDOKUMENT

HD 60364-7-715

March 2012

ICS 29.140.50; 91.140.50

Supersedes HD 60364-7-715:2005

English version

**Low-voltage electrical installations -
Part 7-715: Requirements for special installations or locations -
Extra-low-voltage lighting installations
(IEC 60364-7-715:2011, modified)**

Installations électriques à basse tension -
Partie 7-715: Règles pour les installations
et emplacements spéciaux -
Installations d'éclairage à très basse
tension
(CEI 60364-7-715:2011, modifiée)

Errichten von Niederspannungsanlagen -
Teil 7-715: Anforderungen für
Betriebsstätten, Räume und Anlagen
besonderer Art -
Kleinspannungsbeleuchtungsanlagen
(IEC 60364-7-715:2011, modifiziert)

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This Harmonization Document was approved by CENELEC on 2012-01-18. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this Harmonization Document 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 Harmonization Document 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, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document (64/1807/FDIS), future edition 2 of IEC 60364-7-715, prepared by IEC TC 64, "Electrical installations and protection against electric shock" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as HD 60364-7-715:2012.

A draft amendment, which covers common modifications to IEC 60364-7-715, was prepared by CLC/TC 64, "Electrical installations and protection against electric shock" and approved by CENELEC.

The following dates are fixed:

- latest date by which this document has (dop) 2013-01-18
to be implemented at national level
by publication of an identical
national standard or by endorsement
- latest date by which the national (dow) 2015-01-18
standards conflicting with this document
have to be withdrawn

This document supersedes HD 60364-7-715:2005.

HD 60364-7-715:2012 includes the following significant technical changes with respect to HD 60364-7-715:2005:

- clause numbering is aligned with present structure of HD 60364;
- introduction of references to LED modules and their particular installation requirements;
- modification of requirements for cross-sectional area of conductors.

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Endorsement notice

The text of the International Standard IEC 60364-7-715:2011 was approved by CENELEC as a European Standard with common modifications.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60364-1:2005 NOTE Harmonized as HD 60364-1:2008 (modified).

COMMON MODIFICATION

715.521 Types of wiring system

715.521.1

Replace the first bullet by:

- insulated conductors in conduit systems according to EN 61386 series or cable trunking/ducting systems according to EN 50085 series.

Add Annexes ZA and ZB as follows.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60364-4-41 (mod)	2005	Low-voltage electrical installations - Part 4-41: Protection for safety - Protection against electric shock	HD 60364-4-41 + corr. July	2007 2007
IEC 60364-4-42 (mod)	2010	Low voltage electrical installations - Part 4-42: Protection for safety - Protection against thermal effects	HD 60364-4-42	2011
IEC 60364-4-43 (mod) + corr. October	2008 2008	Low voltage electrical installations - Part 4-43: Protection for safety - Protection against overcurrent	HD 60364-4-43	2010
IEC 60364-5-52 (mod) + corr. February	2009 2011	Low-voltage electrical installations - Part 5-52: Selection and erection of electrical equipment - Wiring systems	HD 60364-5-52	2011
IEC 60364-5-53	2001	Electrical installations of buildings - Part 5-53: Selection and erection of electrical equipment - Isolation, switching and control	-	-
IEC 60364-5-55 (mod)	2001	Low-voltage electrical installations - Part 5-55: Selection and erection of electrical equipment - Other electrical equipment - Clause 552: Low-voltage generating sets - stand-alone	-	-
IEC 60570 (mod)	2003	Electrical supply track systems for luminaires	EN 60570	2003
IEC 60598-2-23	1996	Luminaires - Part 2-23: Particular requirements - Extra low- voltage lighting systems for filament lamps	EN 60598-2-23 + corr. March	1996 1997
IEC 60998-2-1 (mod)	2002	Connecting devices for low-voltage circuits for household and similar purposes - Part 2-1: Particular requirements for connecting devices as separate entities with screw-type clamping units	EN 60998-2-1	2004
IEC 60998-2-2 (mod)	2002	Connecting devices for low-voltage circuits for household and similar purposes - Part 2-2: Particular requirements for connecting devices as separate entities with screwless- type clamping units	EN 60998-2-2	2004
IEC 61347-2-2	2000	Lamp controlgear - Part 2-2: Particular requirements for d.c. or a.c. supplied electronic step-down convertors for filament lamps	EN 61347-2-2 + corr. July + corr. December	2001 2003 2010
IEC 61347-2-13	2006	Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules	EN 61347-2-13 + corr. December	2006 2010

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61558-2-6	2009	Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V - Part 2-6: Particular requirements and tests for safety isolating transformers and power supply units incorporating safety isolating transformers	EN 61558-2-6	2009

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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

ClauseSpecial national condition**715.430.04****Denmark**

In Denmark, automatic resetting of protective devices is not allowed

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Edition 2.0 2011-12

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Low-voltage electrical installations –
Part 7-715: Requirements for special installations or locations – Extra-low-
voltage lighting installations**

**Installations électriques à basse tension –
Partie 7-715: Règles pour les installations et emplacements spéciaux –
Installations d'éclairage à très basse tension**

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CONTENTS

FOREWORD.....	3
INTRODUCTION.....	5
715 Extra-low-voltage lighting installations.....	6
715.1 Scope.....	6
715.2 Normative references.....	6
715.4 Protection for safety.....	7
715.41 Protection against electric shock.....	7
715.414 Protective measure: extra-low-voltage provided by SELV and PELV.....	7
715.42 Protection against thermal effects.....	7
715.422.3 Locations with risks of fire due to the nature of processed or stored materials.....	7
715.422.106 Fire risk of transformers/convertors.....	7
715.422.107 Fire risk due to short-circuit.....	8
715.43 Protection against overcurrent.....	8
715.430.104 Protection against overcurrent in ELV lighting installations.....	8
715.5 Selection and erection of electrical equipment.....	8
715.52 Wiring systems.....	8
715.521 Types of wiring system.....	8
715.521.106 Bare conductors.....	9
715.521.107 Suspended systems.....	9
715.523 Current-carrying capacities.....	9
715.524 Cross-sectional areas of conductors.....	9
715.525 Voltage drop in consumers' installations.....	10
715.53 Isolation, switching and control.....	10
715.530.3 General and common requirements.....	10
715.536 Isolation and switching.....	10
Annex A (informative) List of notes concerning certain countries.....	11
Bibliography.....	12

INTERNATIONAL ELECTROTECHNICAL COMMISSION

LOW-VOLTAGE ELECTRICAL INSTALLATIONS –**Part 7-715: Requirements for special installations or locations –
Extra-low-voltage lighting installations**

FOREWORD

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International Standard IEC 60364-7-715 has been prepared by committee 64: Electrical installations and protection against electric shock.

This second edition cancels and replaces the first edition, published in 1999, and constitutes a technical revision.

The major technical changes with respect to the previous edition are listed below:

- clause numbering is aligned with present structure of IEC 60364;
- introduction of references to LED modules and their particular installation requirements;
- modification of requirements for cross-sectional area of conductors.