



SLOVENSKI STANDARD
SIST HD 384.7.706 S1:2000

01-februar-2000

Električne inštalacije zgradb – 7. del: Zahteve za posebne inštalacije ali lokacije – 706. oddelek: Omejeni prevodni prostori (IEC 60364-7-706:1983, spremenjen)

Electrical installations of buildings -- Part 7: Requirements for special installations or locations -- Section 706: Restrictive conducting locations

Elektrische Anlagen von Gebäuden -- Teil 7: Bestimmungen für Betriebsstätten, Räume und Anlagen besonderer Art -- Hauptabschnitt 706: Begrenzte leitfähige Räume

Installations électriques des bâtiments -- Partie 7: Règles pour les installations et emplacements spéciaux -- Section 706: Enceintes conductrices exiguës

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Ta slovenski standard je istoveten z: HD 384.7.706 S1:1991

ICS:

91.140.50 Sistemi za oskrbo z elektriko Electricity supply systems

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en

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HARMONIZATION DOCUMENT

HD 384.7.706 S1

DOCUMENT D'HARMONISATION

HARMONISIERUNGSDOKUMENT

April 1991

UDC 621.316.176

Descriptors: Electrical installation, SELV, electrical separation, supplementary equipotential bonding, residual current protection device, class II

ENGLISH VERSION

ELECTRICAL INSTALLATIONS OF BUILDINGS
PART 7: REQUIREMENTS FOR SPECIAL INSTALLATIONS OR LOCATIONS
SECTION 706 - RESTRICTIVE CONDUCTING LOCATIONS
(IEC 364-7-706:1983, modified)

Installations électriques des
bâtiments
Septième partie: Règles pour les
installations et emplacements
spéciaux
Section 706 - Enceintes
conductrices exiguës
(CEI 364-7-706:1983, modifiée)

Elektrische Anlagen von
Gebäuden
Teil 7: Bestimmungen für
Betriebsstätten, Räume und
Anlagen besonderer Art
Hauptabschnitt 706 - Begrenzte
leitfähige Räume
(IEC 364-7-706:1983, modifiziert)

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This Harmonization Document was approved by CENELEC on 1989-09-11.
CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this Harmonization Document on a national level.

Up-to-date lists and bibliographical references concerning national implementation may be obtained on application to the Central Secretariat 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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B-1050 Brussels

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Ref. No. HD 384.7.706 S1:1991 E

FOREWORD

The CENELEC questionnaire procedure, performed for finding out whether or not the International Standard IEC 364-7-706:1983 could be accepted without textual changes, has shown that some CENELEC common modifications were necessary for the acceptance as Harmonization Document.

The reference document, together with the common modifications prepared by the CENELEC Subcommittee SC 64A, Electrical installations of buildings: protection against electric shock, was submitted to the CENELEC members for formal vote.

The text of the draft was approved by CENELEC as HD 384.7.706 S1 on 11 September 1989.

The following dates were fixed:

- latest date of announcement
of the HD at national level (doa) 1989-12-01
- latest date of publication of
a new harmonized national standard (dop) 1991-11-01
- latest date of withdrawal of
conflicting national standards (dow) 1991-11-01

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ENDORSEMENT NOTICE

The text of the International Standard IEC 364-7-706:1983 was approved by CENELEC as a Harmonization Document with agreed common modifications as given below.

COMMON MODIFICATIONS

Clause 706.1

The word "étroit" is deleted in the first line of the second paragraph of the French text.

The following two paragraphs and the following note are added:

"The particular requirements of this section do not apply to any location which allow a person freedom of bodily movement to work, enter, and leave the location without physical constraint.

The particular requirements of this section apply to fixed equipment in restrictive locations and to supplies for portable equipment for use in such locations.

Note: For electric arc welding operations see HD 407 and HD 427.

Clause 706.471.2a)

The second indent is replaced by:

"- electrical separation (Clause 413.5) subjected to provision being made for only one item of equipment to be connected to a secondary winding of the isolating transformer."

Clause 706.471.2b)

The second paragraph is replaced by the following two notes:

Note 1: A fluorescent luminaire with built-in step-up (with two windings) transformer supplied at SELV is equally permitted.

Note 2: Particular requirements for portable equipment other than those detailed under letter a) and b) are under consideration."

Clause 706.471.2c)

The following new indent is added:

"or by Class II equipment, or by equipment having equivalent insulation, protected by residual current protective device with a rated residual operating current $I_{\Delta n}$ not exceeding 30 mA, provided they have adequate IP degree of protection."

Clause 706.471.2.2

The clause is replaced by:

"Safety sources and isolating sources shall be situated outside the restrictive conducting location, unless they are part of the fixed installation within a permanent restrictive conducting location as provided by item c) of clause 706.471.2.

Clause 706.471.2.3

The word "fixed" is deleted in the first line.

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**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC**

364-7-706

Première édition
First edition
1983-01

Installations électriques des bâtiments

Septième partie:

Règles pour les installations et emplacements
spéciaux

**Section 706 – Encintes conductrices exigües
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Electrical installations of buildings

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Part 7: Restrictive conducting locations

Requirements for special installations or locations
Section 706 – Restrictive conducting locations

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ELECTRICAL INSTALLATIONS OF BUILDINGS

Part 7: Requirements for special installations or locations

Section 706 — Restrictive conducting locations

FOREWORD

- 1) The formal decisions or agreements of the I E C on technical matters, prepared by Technical Committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 2) They have the form of recommendations for international use and they are accepted by the National Committees in that sense.
- 3) In order to promote international unification, the I E C expresses the wish that all National Committees should adopt the text of the I E C recommendation for their national rules in so far as national conditions will permit. Any divergence between the I E C recommendation and the corresponding national rules should, as far as possible, be clearly indicated in the latter.

PREFACE

This standard has been prepared by I E C Technical Committee No. 64: Electrical Installations of Buildings.

A draft was discussed at the meeting held in Anacapri in 1981. As a result of this meeting, a draft, Document 64(Central Office)125, was submitted to the National Committees for approval under the Six Months' Rule in April 1982.

The National Committees of the following countries voted explicitly in favour of publication:

Australia	New Zealand
Belgium	Norway
Brazil	Romania
Denmark	Sweden
Egypt	Switzerland
Germany	Union of Soviet
Japan	Socialist Republics
Netherlands	