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I.S. HD 384.4.41 S2: 1998

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ELECTRICAL INSTALLATIONS OF BUILDINGS

- PART 4: PROTECTION FOR SAFETY -

CHAPTER 41: PROTECTION AGAINST ELECTRIC SHOCK

(IEC 364-4-41:1992, MODIFIED)

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ELECTRICAL INSTALLATIONS OF BUILDINGS

PART 4: PROTECTION FOR SAFETY

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HARMONIZATION DOCUMENT **HD 384.4.41 S2/A1**

DOCUMENT D'HARMONISATION

HARMONISIERUNGSDOKUMENT November 2002

ICS 13.260;91.140.50

English version

Electrical installations of buildings
Part 4: Protection for safety
Chapter 41: Protection against electric shock
(IEC 60364-4-41:1992/A2:1999, modified)

Installations électriques des bâtiments
Partie 4: Protection pour assurer la sécurité
Chapitre 41: Protection contre les chocs électriques
(CEI 60364-4-41:1992/A2:1999, modifiée)

Elektrische Anlagen von Gebäuden
Teil 4: Schutzmaßnahmen
Kapitel 41: Schutz gegen elektrischen Schlag
(IEC 60364-4-41:1992/A2:1999, modifiziert)

This amendment A1 modifies the Harmonization Document HD 384.4.41 S2:1996; it was approved by CENELEC on 2002-09-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this amendment on a national level.

Up-to-date lists and bibliographical references concerning such national implementation may be obtained on application to the Central Secretariat 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, 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 384.4.41 S2:1996/A1:2002 E

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Foreword

The text of amendment 2:1999 to the International Standard IEC 60364-4-41:1992, prepared by IEC TC 64, Electrical installations and protection against electric shock, together with the common modification prepared by SC 64A, Protection against electric shock, of Technical Committee CENELEC TC 64, Electrical installations and protection against electric shock, was submitted to Unique Acceptance Procedure and was approved by CENELEC as amendment A1 to HD 384.4.41 S2:1996 on 2002-09-01.

In this amendment, the common modification[1)] to the International Standard is indicated by a vertical line in the left margin of the text.

The following dates were fixed:

- latest date by which the existence of the amendment has to be announced at national level (doa) 2003-03-01
- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2003-09-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2005-09-01

Replace the existing 411.1.5.2 by the following:

411.1.5.2
Protection against direct contact in compliance with 411.1.5.1 is not necessary within or outside a building if main equipotential bonding according to 413.1.2 is provided, and the earthing arrangement and exposed conductive parts of the PELV system are connected by a protective conductor to the main earthing terminal, and the nominal voltage does not exceed

- 25 V a.c. r.m.s. or 60 V ripple – free d.c. when the equipment is normally used in dry locations only and large-area contact of live parts with the human body is not to be expected,
- 6 V a.c. r.m.s. or 15 V ripple – free d.c. in all other cases.

NOTE The earthing of circuits may be achieved by an appropriate connection to earth within the source itself.

413.1.3.9

Delete this subclause.

[1)] The common modification consists of replacing in the second line of 411.1.5.2 the word "where" by the word "if".

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