



National Standards Authority of Ireland

IRISH STANDARD

**I.S. HD 384.5.523 S2:2002**

ICS 29.060.01

91.140.50

**ELECTRICAL INSTALLATIONS OF  
BUILDINGS  
PART 5: SELECTION AND ERECTION OF  
ELECTRICAL EQUIPMENT  
SECTION 523: CURRENT-CARRYING  
CAPACITIES IN WIRING SYSTEMS  
(IEC 60364-5-523:1999, MODIFIED)**

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HARMONIZATION DOCUMENT

**HD 384.5.523 S2**

DOCUMENT D'HARMONISATION

HARMONISIERUNGSDOKUMENT

November 2001

ICS 29.060.01;91.140.50

Supersedes HD 384 5.523 S1.1991

English version

**Electrical installations of buildings**  
**Part 5: Selection and erection of electrical equipment**  
**Section 523: Current-carrying capacities in wiring systems**  
(IEC 60364-5-523:1999, modified)

Installations électriques des bâtiments  
Partie 5: Choix et mise en oeuvre des  
matériels électriques  
Section 523: Courants admissibles  
dans les canalisations  
(CEI 60364-5-523:1999, modifiée)

Elektrische Anlagen von Gebäuden  
Teil 5: Auswahl und Errichtung von  
elektrischen Betriebsmitteln  
Hauptabschnitt 523: Strombelastbarkeit in  
Kabel- und Leitungssystemen (-anlagen)  
(IEC 60364-5-523:1999, modifiziert)

This Harmonization Document was approved by CENELEC on 2001-09-01. 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 such 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, 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**



## Foreword

The text of the International Standard IEC 60364-5-523:1999, prepared by IEC TC 64, Electrical installations and protection against electric shock, together with the common modifications prepared by SC 64B, Protection against thermal effects, of Technical Committee CENELEC TC 64, Electrical installations of buildings, was submitted to the formal vote and was approved by CENELEC as HD 384.5.523 on 2001-09-01.

This Harmonization Document supersedes HD 384.5.523 S1:1991.

The following dates were fixed:

- latest date by which the existence of the HD  
has to be announced at national level (doa) 2002-03-01
- latest date by which the HD has to be implemented  
at national level by publication of a harmonized  
national standard or by endorsement (dop) 2002-09-01
- latest date by which the national standards conflicting  
with the HD have to be withdrawn (dow) 2004-09-01

Annexes designated "normative" are part of the body of the standard.  
Annexes designated "informative" are given for information only.  
In this standard, annex ZA is normative and annex ZB is informative.  
Annexes ZA and ZB have been added by CENELEC.

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