



SLOVENSKI STANDARD SIST EN 61557-4:2007

01-september-2007

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Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. -
Equipment for testing, measuring or monitoring of protective measures -- Part 4:
Resistance of earth connection and equipotential bonding

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Elektrische Sicherheit in Niederspannungsnetzen bis AC 1 kV und DC 1,5 kV - Geräte
zum Prüfen, Messen oder Überwachen von Schutzmaßnahmen -- Teil 4: Widerstand von
Erdungsleitern, Schutzleitern und Potentialausgleichsleitern

Sécurité électrique dans les réseaux de distribution basse tension de 1 kV c.a. et 1,5 kV
c.c. - Dispositifs de contrôle, de mesure ou de surveillance de mesures de protection --
Partie 4: Résistance de conducteurs de terre et d'équipotentialité

Ta slovenski standard je istoveten z: EN 61557-4:2007

ICS:

17.220.20	T ^ b} b`Á ^dã} ãõã { æ} ^ç ãõã ^ãã	Measurement of electrical and magnetic quantities
29.080.01	Ò ^dã} ãã [ãããã} æ •] [z] [Electrical insulation in general
29.240.01	U{ !^0ãã ãã ^} [• Áã ãã dãã &ã Á ^dã} ^Á} ^i* ãã } ãã] [z] [Power transmission and distribution networks in general

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English version

**Electrical safety in low voltage distribution systems
up to 1 000 V a.c. and 1 500 V d.c. -
Equipment for testing, measuring or monitoring
of protective measures -
Part 4: Resistance of earth connection
and equipotential bonding
(IEC 61557-4:2007)**

Sécurité électrique dans les réseaux
de distribution basse tension
de 1 000 V c.a. et 1 500 V c.c. -
Dispositifs de contrôle, de mesure
ou de surveillance de mesures
de protection -
Partie 4: Résistance de conducteurs
de terre et d'équipotentialité
(CEI 61557-4:2007)

Elektrische Sicherheit
in Niederspannungsnetzen
bis AC 1 000 V und DC 1 500 V -
Geräte zum Prüfen,
Messen oder Überwachen
von Schutzmaßnahmen -
Teil 4: Widerstand
von Erdungsleitern, Schutzleitern
und Potentialausgleichsleitern
(IEC 61557-4:2007)

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard 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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, 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 and the 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 document 85/293/FDIS, future edition 2 of IEC 61557-4, prepared by IEC TC 85, Measuring equipment for electrical and electromagnetic quantities, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61557-4 on 2007-03-01.

This European Standard supersedes EN 61557-4:1997.

This standard is to be used in conjunction with EN 61557-1.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2007-12-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2010-03-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61557-4:2007 was approved by CENELEC as a European Standard without any modification.

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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 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 61557-1	- ¹⁾	Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 1: General requirements	EN 61557-1	2007 ²⁾

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¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC

61557-4

Deuxième édition
Second edition
2007-01

**Sécurité électrique dans les réseaux
de distribution basse tension de 1 000 V c.a.
et 1 500 V c.c. –**

**Dispositifs de contrôle, de mesure ou de
surveillance de mesures de protection –**

STANDARD PREVIEW

**Partie 4: Résistance de conducteurs de terre
et d'équipotentialité**

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**Electrical safety in low voltage distribution
systems up to 1 000 V a.c. and 1 500 V d.c. –
Equipment for testing, measuring
or monitoring of protective measures –**

**Part 4: Resistance of earth connection
and equipotential bonding**

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

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PRICE CODE

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ELECTRICAL SAFETY IN LOW VOLTAGE DISTRIBUTION SYSTEMS
UP TO 1 000 V a.c. AND 1 500 V d.c. –
EQUIPMENT FOR TESTING, MEASURING OR MONITORING
OF PROTECTIVE MEASURES –****Part 4: Resistance of earth connection
and equipotential bonding**

FOREWORD

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International Standard IEC 61557-4 has been prepared by IEC technical committee 85: Measuring equipment for electrical and electromagnetic quantities.

This second edition cancels and replaces the first edition published in 1997. This edition constitutes a minor revision.