

SLOVENSKI STANDARD
SIST EN 61557-3:2007

01-september-2007

BUXca Yý U
SIST EN 61557-3:2000

9`Y_f] bUj Ufbcghj `b]n_cbUdYrcgfb] `fUnXY]b] `g]ghYa] `nU]na Yb] bY`bUdYrcgh] Xc`%_J`]b`Ybcga YfbY`bUdYrcgh]`Xc`%`_J`!`CdfYa UnUdfYg_i yUb`Yza Yf`Yb`Y`U] bUXncfcj Ub`Y`nUy]fb] `i_fYdcj `!` "XY.`a dYXUbWUnUb_Yf197`*%)`+!`.&\$\$+Ł

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 3: Loop impedance

iTeh STANDARD PREVIEW

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Elektrische Sicherheit in Niederspannungsnetzen bis AC 1 000 V und DC 1 500 V - Geräte zum Prüfen, Messen oder Überwachen von Schutzmaßnahmen -- Teil 3: Schleifenwiderstand

[SIST EN 61557-3:2007](https://standards.iteh.ai/catalog/standards/sist/48e9694c-ed3d-4d76-b1ca-1c0da72c9df8/sist-en-61557-3-2007)

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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 3: Impédance de boucle

Ta slovenski standard je istoveten z: EN 61557-3:2007

ICS:

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

SIST EN 61557-3:2007 **en**

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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 3: Loop impedance
(IEC 61557-3:2007)**

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 3: Impédance de boucle
(CEI 61557-3:2007)

Elektrische Sicherheit
in Niederspannungsnetzen
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This European Standard was approved by CENELEC on 2007-03-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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 85/292/FDIS, future edition 2 of IEC 61557-3, 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 61557-3 on 2007-03-01.

This European Standard supersedes EN 61557-3:1997.

The following changes were made with respect to EN 61557-3:1997:

- definitions complemented;
- revision of some requirements;
- addition of information on operating instructions;
- addition of new influence quantities E_9 and E_{10} .

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.

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Endorsement notice

The text of the International Standard IEC 61557-3:2007 was approved by CENELEC as a European Standard without any modification.

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 61010-1	2001	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements	EN 61010-1 + corr. June	2001 2002
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

61557-3

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 –
Partie 3: Impédance de boucle**

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<https://standards.iteh.ai/catalog/standards/sist/61557-3-2007/iec-61557-3-2007>
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systems up to 1 000 V a.c. and 1 500 V d.c. –
Equipment for testing, measuring
or monitoring of protective measures –**

Part 3: Loop impedance

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

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Pour prix, voir catalogue en vigueur
For price, see current catalogue

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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 3: Loop impedance**

FOREWORD

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International Standard IEC 61557-3 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 technical revision.

The following changes were made with respect to the previous edition:

- a) definitions complemented;
- b) revision of some requirements;
- c) addition of information on operating instructions;
- d) addition of new influence quantities E_9 and E_{10} .