



Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN IEC 61557-11:2022

Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC - Equipment for testing, measuring or monitoring of protective

Sécurité électrique dans les réseaux de
distribution basse tension au plus égale à
1000 V c.a. et 1500 V c.c. - Dispositifs de
contrôle, de mesure ou de surveillance

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

05/2022



National Foreword

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ILNAS-EN IEC 61557-11:2022

EUROPEAN STANDARD **EN IEC 61557-11**

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2022

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Supersedes EN 61557-11:2009

English Version

**Electrical safety in low voltage distribution systems up to 1 000 V
AC and 1 500 V DC - Equipment for testing, measuring or
monitoring of protective measures - Part 11: Effectiveness of
residual current monitors (RCM) in TT, TN and IT systems
(IEC 61557-11:2020)**

Sécurité électrique dans les réseaux de distribution basse
tension au plus égale à 1000 V c.a. et 1500 V c.c. -
Dispositifs de contrôle, de mesure ou de surveillance de
mesures de protection - Partie 11: Efficacité des contrôleurs
d'isolement à courant différentiel résiduel (RCM) dans les
réseaux TT, TN et IT
(IEC 61557-11:2020)

Elektrische Sicherheit in Niederspannungsnetzen bis AC
1 000 V und DC 1 500 V - Geräte zum Prüfen, Messen oder
Überwachen von Schutzmaßnahmen - Teil 11:
Wirksamkeit von Differenzstrom-Überwachungsgeräten
(RCM) in TT-, TN- und IT-Systemen
(IEC 61557-11:2020)

This European Standard was approved by CENELEC on 2022-04-06. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document 85/720/FDIS, future edition 2 of IEC 61557-11, prepared by IEC/TC 85 "Measuring equipment for electrical and electromagnetic quantities" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61557-11:2022.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2023-01-06
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2025-04-06

This document supersedes EN 61557-11:2009 and all of its amendments and corrigenda (if any).

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Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

Endorsement notice

The text of the International Standard IEC 61557-11:2020 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60364-4-41	NOTE	Harmonized as HD 60364-4-41
IEC 60364-6	NOTE	Harmonized as HD 60364-6
IEC 60947-2	NOTE	Harmonized as EN 60947-2
IEC 61008-1	NOTE	Harmonized as EN 61008-1
IEC 61326-2-2	NOTE	Harmonized as EN IEC 61326-2-2
IEC 62020-1:2020	NOTE	Harmonized as EN IEC 62020-1:2021 (not modified)

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61010-1	2010	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements	EN 61010-1	2010
IEC 61557-1	2019	Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC - Equipment for testing, measuring or monitoring of protective measures - Part 1: General requirements	EN IEC 61557-1	2021
IEC 61557-6	-	Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC - Equipment for testing, measuring or monitoring of protective measures - Part 6: Effectiveness of residual current devices (RCD) in TT, TN and IT systems	EN IEC 61557-6	-



INTERNATIONAL STANDARD

NORME INTERNATIONALE

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

**Part 11: Effectiveness of residual current monitors (RCM) in TT, TN and IT
systems**

**Sécurité électrique dans les réseaux de distribution basse tension au plus
égale à 1 000 V c.a. et 1 500 V c.c. – Dispositifs de contrôle, de mesure ou
de surveillance de mesures de protection –**

**Partie 11: Efficacité des contrôleurs d'isolement à courant différentiel résiduel
(RCM) dans les réseaux TT, TN et IT**

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