
Električna varnost v nizkonapetostnih razdelilnih sistemih za izmenične napetosti do 1 kV in enosmerne napetosti do 1,5 kV - Oprema za preskušanje, merjenje in nadzorovanje zaščitnih ukrepov - 17. del: Brezstični indikatorji napetosti (IEC 61557-17:2021)

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 17: Non-contact AC voltage indicators (IEC 61557-17:2021)

Elektrische Sicherheit in Niederspannungsnetzen bis AC 1 000 V und DC 1 500 V - Geräte zum Prüfen, Messen oder Überwachen von Schutzmaßnahmen - Teil 17: Berührungslose Spannungsanzeiger (IEC 61557-17:2021)

SIST EN IEC 61557-17:2022

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 17: Indicateurs de tension alternative sans contact (IEC 61557-17:2021)

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ICS:

17.220.20	Merjenje električnih in magnetnih veličin	Measurement of electrical and magnetic quantities
29.080.01	Električna izolacija na splošno	Electrical insulation in general
29.240.01	Omrežja za prenos in distribucijo električne energije na splošno	Power transmission and distribution networks in general

SIST EN IEC 61557-17:2022

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EUROPEAN STANDARD

EN IEC 61557-17

NORME EUROPÉENNE

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December 2021

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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 17: Non-contact AC
voltage indicators
(IEC 61557-17:2021)

Sécurité électrique dans les réseaux de distribution basse
tension au plus égale à 1 000 V C.A. et 1 500 V C.C. -
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mesures de protection - Partie 17: Indicateurs de tension
alternative sans contact
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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 17:
Berührungslose Spannungsanzeiger
(IEC 61557-17:2021)

This European Standard was approved by CENELEC on 2021-12-15. 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.

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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

EN IEC 61557-17:2021 (E)**European foreword**

The text of document 85/790/FDIS, future edition 1 of IEC 61557-17, 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 61557-17:2021.

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) 2022-09-15
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-12-15

This document is read in conjunction with EN IEC 61557-1:2021.

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The text of the International Standard IEC 61557-17:2021 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:

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IEC 61010-1:2010 NOTE Harmonized as EN 61010-1:2010 (not modified)

IEC 61243-3 NOTE Harmonized as EN 61243-3

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 61010-031	2015	Safety requirements for electrical equipment for measurement, control and laboratory use - Part 031: Safety requirements for hand-held probe assemblies for electrical measurement and test	EN 61010-031	2015
/AMD1	2018	(standards.iteh.ai)	/A1	2021
IEC 61326-1	2020	Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements	EN IEC 61326-1	2021
IEC 61557-1	2019	Electrical safety in low voltage distribution systems up to 22 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 1: General requirements	EN IEC 61557-1	2021

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INTERNATIONAL STANDARD

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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 17: Non-contact AC voltage indicators

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**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 17: Non-contact AC voltage indicators

FOREWORD

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IEC 61557-17 has been prepared by IEC technical committee 85: Measuring equipment for electrical and electromagnetic quantities. It is an International Standard.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
85/790/FDIS	85/803/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

A list of all parts of the IEC 61557 series, published under the general title *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*, can be found on the IEC website.

This International Standard is to be used in conjunction with IEC 61557-1:2019.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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