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BSI Standards Publication

## High-voltage test techniques — Charge-based measurement of partial discharges

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## National foreword

This British Standard is the UK implementation of EN IEC 60270:2025. It is identical to IEC 60270:2025. It supersedes BS EN 60270:2001+A1:2016, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PEL/42, Testing techniques for high voltages and currents.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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### Amendments/corrigenda issued since publication

Date	Text affected
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## EUROPÄISCHE NORM

August 2025

ICS 19.080; 17.220.20

Supersedes EN 60270:2001; EN 60270:2001/A1:2016

English Version

## High-voltage test techniques - Charge-based measurement of partial discharges (IEC 60270:2025)

Techniques des essais à haute tension - Mesurages des décharges partielles fondés sur les charges  
(IEC 60270:2025)

Hochspannungs-Prüftechnik - Ladungsbasierte Messung von Teilentladungen  
(IEC 60270:2025)

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Comité Européen de Normalisation Electrotechnique  
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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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## European foreword

The text of document 42/452/FDIS, future edition 4 of IEC 60270, prepared by TC 42 "High-voltage and high-current test techniques" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60270:2025.

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) 2026-08-31
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2028-08-31

This document supersedes EN 60270:2001 and all of its amendments and corrigenda (if any).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

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 60270:2025 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 standard indicated:

IEC 60034-18-41	NOTE	Approved as EN 60034-18-41
IEC 60034-18-42	NOTE	Approved as EN 60034-18-42
IEC 60034-27-1	NOTE	Approved as EN IEC 60034-27-1
IEC 60076-3	NOTE	Approved as EN 60076-3
IEC 60137	NOTE	Approved as EN 60137
IEC 61558-1	NOTE	Approved as EN IEC 61558-1
IEC 62068	NOTE	Approved as EN 62068
CISPR 16-1-1:2019	NOTE	Approved as EN IEC 55016-1-1:2019 (not modified)
IEC 60567	NOTE	Approved as EN IEC 60567
IEC 60599	NOTE	Approved as EN IEC 60599
IEC 61181:2007	NOTE	Approved as EN 61181:2007 (not modified)

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(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.cencenelec.eu](http://www.cencenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60060-2	-	High-voltage test techniques - Part 2: Measuring systems	EN IEC 60060-2	-

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## CONTENTS

FOREWORD.....	6
1 Scope.....	8
2 Normative references.....	8
3 Terms and definitions .....	9
4 Test circuits and measuring systems.....	14
4.1 General requirements.....	14
4.2 Test circuits for alternating voltages .....	15
4.3 Measuring systems for apparent charge.....	18
4.3.1 General .....	18
4.3.2 Coupling device or ‘quadripole’.....	18
4.3.3 Pulse train response of instruments for the measurement of apparent charge .....	18
4.3.4 Wide-band PD measuring systems .....	20
4.3.5 Wide-band PD instruments with active integrator .....	20
4.3.6 Narrow-band PD instruments.....	21
4.4 Requirements for measurements with digital PD-instruments.....	21
4.4.1 General .....	21
4.4.2 Requirements for measurement of apparent charge $q$ .....	22
4.4.3 Requirements for measurement of test voltage magnitude and phase.....	22
4.5 Measuring systems for derived quantities .....	22
4.5.1 Coupling device .....	22
4.5.2 Instruments for the measurement of pulse repetition rate $n$ .....	22
4.5.3 Instruments for the measurement of average apparent discharge current $I$ .....	22
4.5.4 Instruments for the measurement of apparent discharge power $P$ .....	23
4.6 Instruments for the measurement of the radio disturbance voltage.....	23
4.7 Instrumentation for PD detection >1 MHz.....	23
5 Calibration of a measuring system in the complete test circuit.....	24
5.1 General.....	24
5.2 Calibration procedure.....	24
6 Calibrators.....	26
6.1 General.....	26
6.2 Calibrators for the calibration of a measuring system in the complete test circuit.....	27
6.3 Calibrators for performance tests on measuring systems.....	28
7 Maintaining the characteristics of calibrators and measuring systems .....	28
7.1 General.....	28
7.2 Schedule of tests .....	28
7.3 Maintaining the characteristics of calibrators.....	29
7.3.1 Type tests on calibrators .....	29
7.3.2 Routine tests on calibrators .....	29
7.3.3 Performance tests on calibrators .....	29
7.3.4 Performance checks on calibrators .....	29
7.3.5 Record of performance.....	30
7.4 Maintaining the characteristics of PD measuring systems.....	30
7.4.1 General .....	30
7.4.2 Type tests on PD measuring systems .....	30