



BSI Standards Publication

Electrical insulation systems — Procedures for thermal evaluation

Part 32: Multifactor evaluation with increased factors during diagnostic testing

National foreword

This British Standard is the UK implementation of EN IEC 61857-32:2019. It is identical to IEC 61857-32:2019.

The UK participation in its preparation was entrusted to Technical Committee GEL/112, Evaluation and qualification of electrical insulating materials and systems.

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

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English Version

**Electrical insulation systems - Procedures for thermal evaluation
- Part 32: Multifactor evaluation with increased factors during
diagnostic testing
(IEC 61857-32:2019)**

Systèmes d'isolation électrique - Procédures d'évaluation
thermique - Partie 32: Évaluation multifactorielle avec
facteurs augmentés pendant les essais de diagnostic
(IEC 61857-32:2019)

Elektrische Isoliersysteme - Verfahren zur thermischen
Bewertung - Teil 32: Multifaktor-Bewertung mit erhöhten
Faktoren während der diagnostischen Prüfung
(IEC 61857-32:2019)

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European Committee for Electrotechnical Standardization
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Europäisches Komitee für Elektrotechnische Normung

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European foreword

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In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60505 NOTE Harmonized as EN 60505

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 61857-1	-	Electrical insulation systems - Procedures for thermal evaluation - Part 1: General requirements - Low-voltage	EN 61857-1	-
IEC 61858-2	-	Electrical insulation systems - Thermal evaluation of modifications to an established electrical insulation system (EIS) - Part 2: Form-wound EIS	EN 61858-2	-
IEC/TR 61857-2	-	Electrical insulation systems - Procedures for thermal evaluation - Part 2: Selection of the appropriate test method for evaluation and classification of electrical insulation systems	-	-

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ELECTRICAL INSULATION SYSTEMS – PROCEDURES
FOR THERMAL EVALUATION –****Part 32: Multifactor evaluation with increased
factors during diagnostic testing**

FOREWORD

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International Standard IEC 61857-32 has been prepared by IEC technical committee 112: Evaluation and qualification of electrical insulating materials and systems

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Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.