SLOVENSKI STANDARD
SIST EN 61857-31:2017

01-junij-2017

Električni izolacijski sistemi - Postopki za ocenjevanje toplotnih lastnosti - 31. del: Vrste uporabe s predvideno življenjsko dobo, krajšo od 5000 ur (IEC 61857-31:2017)

Electrical insulation systems-procedures for thermal evaluation - Part 31: Applications with a designed life less than 5000 hours (IEC 61857-31:2017)

Ta slovenski standard je istoveten z: EN 61857-31:2017

ICS:

29.080.30	Izolacijski sistemi	Insulation systems

SIST EN 61857-31:2017 **en**

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61857-31

April 2017

ICS 29.080.30

English Version

Electrical insulation systems - Procedures for thermal evaluation - Part 31: Applications with a designed life of 5 000 h or less (IEC 61857-31:2017)

Systèmes d'isolement électrique - Modes opératoires pour l'évaluation thermique - Partie 31 : Applications à durée de vie nominale inférieure à 5 000 heures (IEC 61857-31:2017)

Elektrische Isoliersysteme - Verfahren zur thermischen Bewertung - Teil 31: Anwendungen mit einer vorgesehenen Betriebsdauer von weniger als 5 000 h (IEC 61857-31:2017)

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CENELEC

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Ref. No. EN 61857-31:2017 E

European foreword

The text of document 112/356/CDV, future edition 1 of IEC 61857-31, prepared by IEC/TC 112 "Evaluation and qualification of electrical insulating materials and systems" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61857-31:2017.

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)	2017-11-28
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2020-02-28

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The text of the International Standard IEC 61857-31:2017 was approved by CENELEC as a European Standard without any modification.

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

IEC 61857 (series)	NOTE	Harmonized as EN 61857 (series).

Annex ZA
(normative)
Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When 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.

Publication	Year	Title	EN/HD	Year
IEC 60505	-	Evaluation and qualification of electrical insulation systems	EN 60505	-
IEC 61857-1	-	Electrical insulation systems - Procedures for thermal evaluation -- Part 1: General requirements - Low-voltage	EN 61857-1	-
IEC 61857-21	-	Electrical insulation systems - Procedures for thermal evaluation -- Part 21: Specific requirements for general-purpose models - Wire-wound applications	EN 61857-21	-
IEC 61857-22	-	Electrical insulation systems - Procedures for thermal evaluation -- Part 22: Specific requirements for encapsulated-coil model - Wire-wound electrical insulation system (EIS)	EN 61857-22	-
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	-	-

IEC 61857-31

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INTERNATIONAL STANDARD

Electrical insulation systems – Procedures for thermal evaluation – Part 31: Applications with a designed life of 5 000 h or less

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ELECTRICAL INSULATION SYSTEMS – PROCEDURES FOR THERMAL EVALUATION –

Part 31: Applications with a designed life of 5 000 h or less

FOREWORD

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International Standard IEC 61857-31 has been prepared by IEC technical committee 112: Evaluation and qualification of electrical insulating materials and systems.

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

CDV	Report on voting
112/356/CDV	112/375/RVC

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.