

Electrical insulation systems — Procedures for thermal evaluation —

Part 21: Specific requirements for general-purpose models — Wire-wound applications

The European Standard EN 61857-21:2004 has the status of a British Standard

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National foreword

This British Standard is the official English language version of EN 61857-21:2004. It is identical with IEC 61857-21:2004. It supersedes BS EN 61857-21:1991 and BS EN 61857-23:2002 which are withdrawn.

The UK participation in its preparation was entrusted to Technical Committee GEL/98, Electrical insulation systems, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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**Electrical insulation systems –
Procedures for thermal evaluation
Part 21: Specific requirements for general-purpose models –
Wire-wound applications
(IEC 61857-21:2004)**

Systèmes d'isolation électriques -
Procédures d'évaluation thermique
Partie 21: Exigences particulières
pour les modèles d'usage général -
Applications aux enroulements à fil
(CEI 61857-21:2004)

Elektrische Isoliersysteme –
Verfahren zur thermischen Bewertung
Teil 21: Spezielle Bedingungen für
Mehrzweckmodelle –
Anwendungen bei Drahtwicklungen
(IEC 61857-21:2004)

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CENELEC

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

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Foreword

The text of document 98/214/FDIS, future edition 2 of IEC 61857-21, prepared by IEC TC 98, Electrical insulation systems (EIS), was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61857-21 on 2004-10-01.

This European Standard supersedes EN 61857-21:1999 and EN 61857-23:2002 and constitutes a technical revision by merging Part 23 into Part 21.

The following dates were fixed:

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|--|-------|------------|
| – latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement | (dop) | 2005-07-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2007-10-01 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61857-21:2004 was approved by CENELEC as a European Standard without any modification.

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INTRODUCTION

A series of parts of IEC 61857 is being developed, each of which will address a specific test object and/or application with an associated test procedure.

This part of IEC 61857 provides a procedure for the evaluation of wire-wound systems, using general-purpose models, where the application is unknown.

As a function of the horizontal committee concept, additional parts will be developed in cooperation with IEC technical committees responsible for equipment.