



**NSAI**  
Standards

Irish Standard  
I.S. EN 61857-22:2008

Electrical insulation systems -  
Procedures for thermal evaluation --  
Part 22: Specific requirements for  
encapsulated-coil model - Wire-wound  
electrical insulation system (EIS) (IEC  
61857-22:2008 (EQV))

## I.S. EN 61857-22:2008

*Incorporating amendments/corrigenda issued since publication:*

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EUROPEAN STANDARD  
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**EN 61857-22**

October 2008

ICS 29.080.30

Supersedes EN 61857-22:2002

English version

**Electrical insulation systems -  
Procedures for thermal evaluation -  
Part 22: Specific requirements for encapsulated-coil model -  
Wire-wound electrical insulation system (EIS)  
(IEC 61857-22:2008)**

Systèmes d'isolation électriques -  
Procédures d'évaluation thermique -  
Partie 22: Exigences particulières  
pour modèle de bobine encapsulée -  
Système d'isolation électrique (SIE)  
à enroulements à fil  
(CEI 61857-22:2008)

Elektrische Isoliersysteme -  
Verfahren zur thermischen Bewertung -  
Teil 22: Spezielle Bedingungen  
für ein umhülltes Spulenmodell -  
Elektrisches Isoliersystem (EIS)  
aus Drahtwicklungen  
(IEC 61857-22:2008)

This European Standard was approved by CENELEC on 2008-09-01. 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.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

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**CENELEC**

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

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

## Foreword

The text of document 112/91/CDV, future edition 2 of IEC 61857-22, prepared by IEC TC 112, Evaluation and qualification of electrical insulating materials and systems, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61857-22 on 2008-09-01.

This European Standard supersedes EN 61857-22:2002.

The editorial revisions make EN 61857-22:2008 compatible with Parts 1 and 21.

The following dates were fixed:

- latest date by which the EN has to be implemented  
at national level by publication of an identical  
national standard or by endorsement (dop) 2009-06-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2011-09-01

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 61857-22:2008 was approved by CENELEC as a European Standard without any modification.

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## **Annex ZA** (normative)

### **Normative references to international publications with their corresponding European publications**

The following referenced documents are indispensable for the application 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 When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61857-1	2004	Electrical insulation systems - Procedures for thermal evaluation - Part 1: General requirements - Low-voltage	EN 61857-1	2005



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