



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 61823:2003**

ICS 29.14.50  
93.120

National Standards  
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**ELECTRICAL INSTALLATIONS FOR LIGHTING  
AND BEACONING OF AERODROMES -  
AGL SERIES TRANSFORMERS  
(IEC 61823:2002, MODIFIED)**

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EUROPEAN STANDARD

**EN 61823**

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2003

ICS 29.140.50; 93.120

English version

**Electrical installations for lighting and beaconing of aerodromes -  
AGL series transformers  
(IEC 61823:2002, modified)**

Installations électriques pour le balisage  
et l'éclairage des aérodromes -  
Transformateurs séries AGL  
(CEI 61823:2002, modifiée)

Elektrische Anlagen für Beleuchtung  
und Befeuerung von Flugplätzen -  
Serienstromtransformatoren  
(IEC 61823:2002, modifiziert)

This European Standard was approved by CENELEC on 2003-02-01. 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.

**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 97/94/FDIS, future edition 1 of IEC 61823, prepared by IEC TC 97, Electrical installations for lighting and beaconing of aerodromes, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61823 on 2003-02-01 together with common modifications prepared by the Technical Committee CENELEC TC 97.

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) 2004-01-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2006-02-01

Annexes designated "normative" are part of the body of the standard.  
In this standard, annexes A and ZA are normative.  
Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 61823:2002 was approved by CENELEC as a European Standard with agreed common modifications as given below.

### COMMON MODIFICATIONS

**3.1.2 Add** at the end of the definition ", unless otherwise stated"

**4.4 Add** at the end of the first paragraph "(See Annex A.)".

## Bibliography

**Add** the following note for IEC 61821:

NOTE Harmonized as EN 61821:2003 (not modified).

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## Annex ZA (normative)

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

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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 60085	- <sup>1)</sup>	Thermal evaluation and classification of electrical insulation	HD 566 S1	1990 <sup>2)</sup>
IEC 61822 (mod.)	- <sup>1)</sup>	Electrical installations for lighting and beaconing of aerodromes - Constant current regulators	EN 61822	2003 <sup>2)</sup>
ISO 48	- <sup>1)</sup>	Rubber, vulcanized or thermoplastic Determination of hardness (hardness between 10 IRHD and 100 IRHD)	-	-

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<sup>1)</sup> Undated reference.

<sup>2)</sup> Valid edition at date of issue.

# INTERNATIONAL STANDARD

**IEC**  
**61823**

First edition  
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## **Electrical installations for lighting and beaconing of aerodromes – AGL series transformers**

*Installations électriques pour le balisage  
et l'éclairage des aérodromes –  
Transformateurs séries AGL*



Reference number  
IEC 61823:2002(E)

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