



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61037 : 1993

ICS 33.200  
91.140.50

National Standards  
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**ELECTRONIC RIPPLE CONTROL  
RECEIVERS FOR TARIFF AND LOAD  
CONTROL (IEC 1037:1990)**

*This Irish Standard was  
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authority of the National  
Standards Authority of  
Ireland  
and comes into effect on.  
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Údarás um Chaighdeáin Náisiúnta na hÉireann



## **DECLARATION**

OF

SPECIFICATION

ENTITLED

**ELECTRONIC RIPPLE CONTROL RECEIVERS FOR TARIFF AND LOAD CONTROL**

**(IEC 1037:1990)**

AS

**THE IRISH STANDARD SPECIFICATION FOR**

**ELECTRONIC RIPPLE CONTROL RECEIVERS FOR TARIFF AND LOAD CONTROL**

**(IEC 1037:1990)**

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**EOLAS - The Irish Science and Technology Agency in exercise of the power conferred by section 20 (3) of the Industrial Research and Standards Act, 1961 ( No. 20 of 1961 ) and the Science and Technology Act, 1987 (No. 30 of 1987), and with the consent of the Minister for Enterprise and Employment, hereby declares as follows:**

**1. This instrument may be cited as the Standard Specification (Electronic Ripple Control Receivers for Tariff and Load Control (IEC 1037:1990)) Declaration, 1993.**

**2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Electronic Ripple Control Receivers for Tariff and Load Control (IEC 1037:1990). The Schedule comprises the text of EN 61037 : 1992.**

**(2) The said standard specification may be cited as Irish Standard/EN 61037 : 1993 or as I.S./EN 61037 : 1993.**



EUROPEAN STANDARD

EN 61037

NORME EUROPEENNE

EUROPAISCHE NORM

November 1992

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UDC 621.317.785:621.398

Descriptors: Electrical energy, tariff control, load control, ripple control, centralized ripple control, electronic ripple control receiver

ENGLISH VERSION

Electronic ripple control receivers for  
tariff and load control  
(IEC 1037:1990, modified)

Récepteurs électroniques de  
télécommande centralisée pour  
tarification et contrôle de  
charge  
(CEI 1037:1990, modifiée)

Elektronische  
Rundsteuerempfänger für  
Tarife und Laststeuerung  
(IEC 1037:1990, modifiziert)

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This European Standard was approved by CENELEC on 1992-09-15.  
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,  
Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg,  
Netherlands, Norway, Portugal, 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

Following the advice of CENELEC Technical Committee TC 13, Equipment for electrical energy measurement and load control, the CENELEC 69 Technical Board decided to submit the text of IEC 1037:1990, together with some common modifications prepared by TC 13, to the CENELEC formal vote.

The text of the draft was approved by CENELEC as EN 61037 on 15 September 1992.

The following dates were fixed:

- latest date of publication of an identical national standard (dop) 1993-06-01
- latest date of withdrawal of conflicting national standards (dow) 1993-06-01

For products which have complied with the relevant national standard before 1993-06-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 1998-06-01.

Annexes designated "normative" are part of the body of the standard. Annexes designated "informative" are given only for information. In this standard, annexes A, B, C, D, E, F and ZA are normative and annexes G, H, J and K are informative.

## STATEMENT

The International Standard IEC 1037:1990, together with the common modifications attached can be used in its present state. However the answers received from the members to the Primary Questionnaire showed that a number of complementary studies (which do not affect fundamentally the present text) were needed; these complementary studies have been proposed to IEC TC 13. They could lead to a draft amendment to IEC 1037, draft which should then be submitted to the parallel IEC/CENELEC voting procedure (this amendment could also include the common modifications).

In addition, it is to be noted that the harmonics levels specified in 4.6.2, as well as the EMC requirements might have to be reconsidered in the future in the light of the studies carried out in CENELEC TC 110 and CENELEC BTF 68-6 (DISNORM 12).

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