



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 61083-1 : 1993**

ICS 19.080

**DIGITAL RECORDERS FOR  
MEASUREMENTS IN HIGH-VOLTAGE  
IMPULSE TESTS. PART 1: REQUIREMENTS  
FOR DIGITAL RECORDERS  
(IEC 1083-1:1991)**

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Údarás um Chaighdeáin Náisiúnta na hÉireann



## DECLARATION

OF

SPECIFICATION

ENTITLED

DIGITAL RECORDERS FOR MEASUREMENTS IN HIGH-VOLTAGE IMPULSE TESTS.

PART 1: REQUIREMENTS FOR DIGITAL RECORDERS (IEC 1083-1:1991)

AS

THE IRISH STANDARD SPECIFICATION FOR

DIGITAL RECORDERS FOR MEASUREMENTS IN HIGH-VOLTAGE IMPULSE TESTS.

PART 1: REQUIREMENTS FOR DIGITAL RECORDERS (IEC 1083-1:1991)

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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 (Digital Recorders for Measurements in High-Voltage Impulse Tests. Part 1: Requirements for Digital Recorders (IEC 1083-1:1991)) Declaration, 1993.
2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Digital Recorders for Measurements in High-Voltage Impulse Tests. Part 1: Requirements for Digital Recorders (IEC 1083-1:1991). The Schedule comprises the text of EN 61083-1: 1993.  
  
(2) The said standard specification may be cited as Irish Standard/EN 61083-1:1993 or as I.S./EN 61083-1:1993.



EUROPEAN STANDARD

EN 61083-1

NORME EUROPEENNE

EUROPAISCHE NORM

April 1993

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UDC 621.317.726:621.3.027.3

Descriptors: High-voltage tests, digital recorders, high-voltage impulse tests

#### ENGLISH VERSION

**Digital recorders for measurements in high-voltage impulse tests**

**Part 1: Requirements for digital recorders**  
(IEC 1083-1:1991, modified)

Enregistreurs numériques pour  
les mesures pendant les essais  
de choc à haute tension  
Partie 1: Prescriptions pour des  
enregistreurs numériques  
(CEI 1083-1:1991, modifiée)

Digitalrekorder für  
Stoßspannungs- und  
Stoßstromprüfungen  
Teil 1: Anforderungen an  
Digitalrekorder  
(IEC 1083-1:1991, modifiziert)

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This European Standard was approved by CENELEC on 1993-03-09.  
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

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## FOREWORD

The CENELEC questionnaire procedure, performed for finding out whether or not the International Standard IEC 1083-1:1991 could be accepted without textual changes, has shown that some common modifications were necessary for the acceptance as European Standard.

The reference document, together with the common modifications prepared by the CENELEC Reporting Secretariat SR 42, was submitted to the CENELEC members for formal vote.

The text of the draft was approved by CENELEC as EN 61083-1 on 9 March 1993.

NOTE: Switzerland has no obligation to implement this European Standard.

The following dates were fixed:

- latest date of publication of an identical national standard (dop) 1994-03-01
- latest date of withdrawal of conflicting national standards (dow) 1994-03-01

For products which have complied with the relevant national standard before 1994-03-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 1999-03-01.

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 and C are informative and annex ZA is normative.

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