



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60255-21-1:1999

ICS 29.120.70

**ELECTRICAL RELAYS. PART 21: VIBRATION,
SHOCK, BUMP AND SEISMIC TESTS ON
MEASURING RELAYS AND PROTECTION
EQUIPMENT SECTION ONE: VIBRATION
TESTS (SINUSOIDAL) (IEC 255-21-1:1988)**

National Standards
Authority of Ireland
Dublin 9
Ireland

Tel (01) 807 3800
Tel (01) 807 3838

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EUROPEAN STANDARD
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Descriptors: Measuring relays, sinusoidal vibration tests

English version

Electrical relays
Part 21: Vibration, shock, bump and seismic tests on
measuring relays and protection equipment
Section 1: Vibration tests (sinusoidal)
(IEC 255-21-1:1988)

Relais électriques
Partie 21: Essais de vibrations, de
chocs, de secousses et de tenue aux
séismes applicables aux relais de
mesure et aux dispositifs de protection
Section 1: Essais de vibrations
(sinusoïdales)
(CEI 255-21-1:1988)

Elektrische Relais
Teil 21: Schwing-, Schock-,
Dauerschock- und Erdbebenprüfungen
an Meßrelais und Schutzeinrichtungen
Hauptabschnitt 1: Schwingprüfungen
(sinusförmig)
(IEC 255-21-1:1988)

This European Standard was approved by CENELEC on 1995-09-20. 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

The text of the International Standard IEC 255-21-1:1988, prepared by SC 41B^{*)}, Measuring relays and protection equipment, of IEC TC 41, Electrical relays, was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 60255-21-1 on 1995-09-20 without any modification.

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) 1996-10-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 1996-10-01

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

Endorsement notice

The text of the International Standard IEC 255-21-1:1988 was approved by CENELEC as a European Standard without any modification.

^{*)} IEC SC 41B has been replaced by IEC TC 95, Measuring relays and protection equipment.

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 50	series	International electrotechnical vocabulary (IEV)	-	-
IEC 68-2-6	1982	Basic environmental testing procedures Part 2: Tests - Test Fc and guidance : Vibration (Sinusoidal)	HD 323.2.6 S2 ¹⁾	1988
IEC 255-7	1978	Electrical relays - Part 7: Test and measurement procedures for electromechanical all-or-nothing relays	-	-
ISO 2041	1975	Vibration and shock - Vocabulary	-	-

1) HD 323.2.6 S2 is superseded by EN 60068-2-6:1995, which is based on IEC 68-2-6:1995.

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