



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61268:1999

ICS 91.140.50

**ALTERNATING CURRENT STATIC
VAR-HOUR METERS FOR REACTIVE
ENERGY (CLASSES 2 AND 3)
(IEC 1268:1995)**

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EUROPEAN STANDARD
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EN 61268

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ICS 17.220.20

Descriptors: Var-hour meters for reactive energy, static meters, meters for alternating current, class 2, class 3

English version

**Alternating current static var-hour meters for reactive energy
(classes 2 and 3)
(IEC 1268:1995)**

Compteurs statiques d'énergie réactive
pour courant alternatif
(classes 2 et 3)
(CEI 1268:1995)

Elektronische Wechselstrom-
Blindverbrauchsähler
(Genauigkeitsklassen 2 und 3)
(IEC 1268:1995)

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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

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Foreword

The text of document 13/1069/DIS, future edition 1 of IEC 1268, prepared by IEC TC 13, Equipment for electrical energy measurement and load control, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61268 on 1995-09-20.

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) 1996-07-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 1996-07-01

Annexes designated "normative" are part of the body of the standard.

Annexes designated "informative" are given for information only.

In this standard, annexes A, B, C, D, ZA and ZB are normative and annexes E and F are informative.

Annexes ZA and ZB have been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 1268:1995 was approved by CENELEC as a European Standard without any modification.

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 38 (mod)	1983	IEC standard voltages ¹⁾	HD 472 S1	1989
IEC 50(301)	1983	International Electrotechnical Vocabulary (IEV) Chapter 301: General terms on measurements in electricity	-	-
IEC 50(302)	1983	Chapter 302: Electrical measuring instruments	-	-
IEC 50(303)	1983	Chapter 303: Electronic measuring instruments	-	-
IEC 60	series	High-voltage test techniques	HD 588.1 S1 EN 60060-2	1991 1994
IEC 68-2-1	1990	Environmental testing Part 2: Tests - Tests A: Cold	EN 60068-2-1	1993
IEC 68-2-2	1974	Part 2: Tests - Test B: Dry heat	EN 60068-2-2 ²⁾	1993
IEC 68-2-5	1975	Part 2: Tests - Test Sa: Simulated solar radiation at ground level	HD 323.2.5 S1	1988
IEC 68-2-6	1982	Part 2: Tests - Test Fc and guidance : Vibration (Sinusoidal)	HD 323.2.6 S2 ³⁾	1988
IEC 68-2-11	1981	Part 2: Tests - Test Ka: Salt mist	HD 323.2.11 S1	1988
IEC 68-2-27	1987	Part 2: Tests - Test Ea and guidance: Shock	EN 60068-2-27	1993
IEC 68-2-30	1980	Part 2: Tests - Test Db and guidance: Damp heat, cyclic (12 + 12 hour cycle)	HD 323.2.30 S3 ⁴⁾	1988

1) The title of HD 472 S1 is: Nominal voltages for low voltage public electricity supply systems.

2) EN 60068-2-2 includes supplement A:1976 to IEC 68-2-2.

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

4) HD 323.2.30 S3 includes A1:1985 to IEC 68-2-30.

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<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 85	1984	Thermal evaluation and classification of electrical insulation	HD 566 S1	1990
IEC 145	1963	Var-hour (reactive energy) meters	-	-
IEC 185 (mod)	1987	Current transformers	HD 553 S2 ⁵⁾	1993
IEC 186 (mod)	1987	Voltage transformers	HD 554 S1 ⁶⁾	1992
IEC 269-1	1986	Low-voltage fuses Part 1: General requirements	EN 60269-1	1989
IEC 359	1987	Expression of the performance of electrical and electronic measuring equipment	-	-
IEC 375	1972	Conventions concerning electric and magnetic circuits	-	-
IEC 387	1992	Symbols for alternating-current electricity meters	EN 60387	1992
IEC 417C	1977	Graphical symbols for use on equipment Index, survey and compilation of the single sheets	HD 243 S12 ⁷⁾	1995
IEC 514 (mod)	1975	Acceptance inspection of Class 2 alternating-current watthour meters	EN 60514	1995
IEC 529	1989	Degrees of protection provided by enclosures (IP Code)	EN 60529 + corr. May	1991 1993
IEC 695-2-1	1991 ⁸⁾	Fire hazard testing Part 2: Test methods Section 1: Glow-wire test and guidance	-	-
IEC 721-3-3	1987	Classification of environmental conditions Part 3: Classification of groups of environmental parameters and their severities - Stationary use at weatherprotected locations	EN 60721-3-3 ⁹⁾	1993
IEC 736	1982	Testing equipment for electrical energy meters	-	-

5) HD 553 S2 includes A1:1990 to IEC 185.

6) HD 554 S1 includes A1:1988 to IEC 186.

7) HD 243 S12 is based on IEC 417:1973 and its supplements A:1974 to M:1994.

8) IEC 695-2-1:1991 is superseded by IEC 695-1-1/0 to 1/3:1994, which are being harmonized by CENELEC.

9) EN 60721-3-3 includes A1:1991 to IEC 721-3-3.

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