



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 62055-31:2005**

ICS 91.140.50

**ELECTRICITY METERING - PAYMENT  
SYSTEMS -- PART 31: PARTICULAR  
REQUIREMENTS - STATIC PAYMENT  
METERS FOR ACTIVE ENERGY (CLASSES  
1 AND 2)**

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EUROPEAN STANDARD

**EN 62055-31**

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2005

4

ICS 91.140.50

English version

**Electricity metering –  
Payment systems  
Part 31: Particular requirements –  
Static payment meters for active energy (classes 1 and 2)  
(IEC 62055-31:2005)**

Equipements de comptage de l'électricité -  
Systèmes à paiement  
Partie 31: Prescriptions particulières -  
Compteurs statiques à paiement d'énergie  
active (classes 1 et 2)  
(CEI 62055-31:2005)

Messung der elektrischen Energie -  
Zählersysteme mit Inkassofunktion  
Teil 31: Besondere Anforderungen -  
Elektronische Inkasso-  
Wirkverbrauchszähler (Klassen 1 und 2)  
(IEC 62055-31:2005)

This European Standard was approved by CENELEC on 2005-11-01. 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.

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**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 13/1344/FDIS, future edition 1 of IEC 62055-31, 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 62055-31 on 2005-11-01.

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) | 2006-08-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn                                               | (dow) | 2008-11-01 |

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 62055-31:2005 was approved by CENELEC as a European Standard without any modification.

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## Annex ZA (normative)

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

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE Where 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 60050-300	2001	International Electrotechnical Vocabulary - Electrical and electronic measurements and measuring instruments Part 311: General terms relating to measurements Part 312: General terms relating to electrical measurements Part 313: Types of electrical measuring instruments Part 314: Specific terms according to the type of instrument	-	-
IEC 61000-4-5	1995	Electromagnetic compatibility (EMC) Part 4-5: Testing and measurement techniques - Surge immunity test	EN 61000-4-5	1995
IEC 61008-1 + A1 (mod)	1996 2002	Residual current operated circuit- breakers without integral overcurrent protection for household and similar uses (RCCB's) Part 1: General rules	EN 61008-1	2004
IEC 61358	1996	Acceptance inspection for direct connected alternating current static watt- hour meters for active energy (classes 1 and 2)	EN 61358	1996
IEC/TR 62051	1999	Electricity metering - Glossary of terms	-	-
IEC 62052-11	2003	Electricity metering equipment (AC) - General requirements, tests and test conditions Part 11: Metering equipment	EN 62052-11	2003
IEC 62053-21	2003	Electricity metering equipment (a.c.) - Particular requirements Part 21: Static meters for active energy (classes 1 and 2)	EN 62053-21	2003
IEC 62054-21	2004	Electricity metering (a.c.) - Tariff and load control Part 21: Particular requirements for time switches	EN 62054-21	2004

EN 62055-31:2005

- 4 -

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62055-21	2005	Electricity metering - Payment systems Part 21: Framework for standardization	-	-

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