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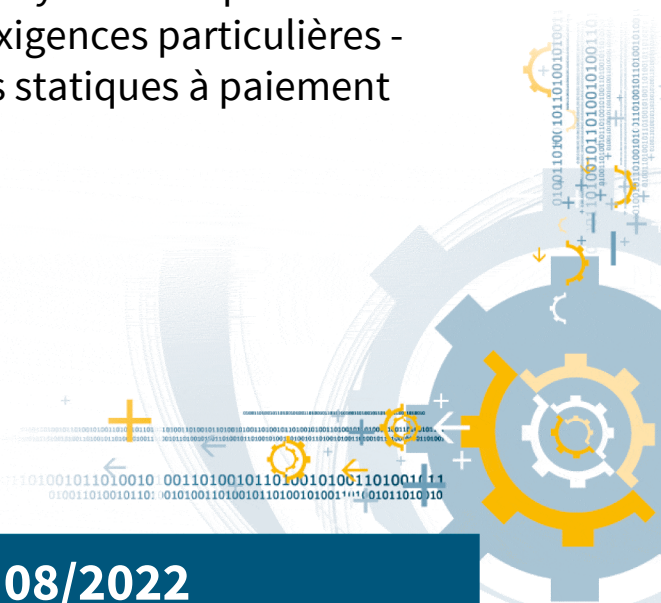
## ILNAS-EN IEC 62055-31:2022

### **Electricity metering - Payment systems - Part 31: Particular requirements - Static payment meters for active energy (classes 0,5, 1 and 2)**

Messung der elektrischen Energie -  
Zählersysteme mit Inkassofunktion - Teil  
31: Besondere Anforderungen -  
Elektronische Inkasso-

Équipements de comptage de  
l'électricité - Systèmes à paiement -  
Partie 31: Exigences particulières -  
Compteurs statiques à paiement

08/2022



## National Foreword

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ILNAS-EN IEC 62055-31:2022

EUROPEAN STANDARD **EN IEC 62055-31**

NORME EUROPÉENNE

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**Electricity metering - Payment systems - Part 31: Particular requirements - Static payment meters for active energy (classes 0,5, 1 and 2)**  
**(IEC 62055-31:2022)**

Équipements de comptage de l'électricité - Systèmes à paiement - Partie 31: Exigences particulières - Compteurs statiques à paiement d'énergie active (classes 0,5, 1 et 2)  
(IEC 62055-31:2022)

Messung der elektrischen Energie - Zählersysteme mit Inkassofunktion - Teil 31: Besondere Anforderungen - Elektronische Inkasso-Wirkverbrauchszähler der Genauigkeitsklassen 0,5, 1 und 2  
(IEC 62055-31:2022)

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

## European foreword

The text of document 13/1864/FDIS, future edition 2 of IEC 62055-31, prepared by IEC/TC 13 "Electrical energy measurement and control" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62055-31:2022.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2023-04-26
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2025-07-26

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In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 62059 (series) NOTE Harmonized as EN 62059 (series)

## Annex ZA (normative)

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

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu).

| <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 | -               | -           |
| + AMD1             | 2015        |                                                                                                                                                                                                                                                                                                                                                    | -               | -           |
| + AMD2             | 2016        |                                                                                                                                                                                                                                                                                                                                                    | -               | -           |
| + AMD3             | 2017        |                                                                                                                                                                                                                                                                                                                                                    | -               | -           |
| + AMD4             | 2020        |                                                                                                                                                                                                                                                                                                                                                    | -               | -           |
| IEC/TR 62051       | 1999        | Electricity metering - Glossary of terms                                                                                                                                                                                                                                                                                                           | -               | -           |
| IEC 62052-11       | 2020        | Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment                                                                                                                                                                                                                                     | EN IEC 62052-11 | 2021        |
| IEC 62052-31       | 2015        | Electricity metering equipment (AC) - General requirements, tests and test conditions - Part 31: Product safety requirements and tests                                                                                                                                                                                                             | EN 62052-31     | 2016        |
| IEC 62053-21       | 2020        | Electricity metering equipment - Particular requirements - Part 21: Static meters for AC active energy (classes 0,5, 1 and 2)                                                                                                                                                                                                                      | EN IEC 62053-21 | 2021        |
| -                  | -           |                                                                                                                                                                                                                                                                                                                                                    | + A11           | 2021        |
| IEC 62054-21       | 2004        | Electricity metering (a.c.) - Tariff and load control - Part 21: Particular requirements for time switches                                                                                                                                                                                                                                         | EN 62054-21     | 2004        |
| + A1               | 2017        |                                                                                                                                                                                                                                                                                                                                                    | + A1            | 2017        |
| IEC/TR 62055-21    | 2005        | Electricity metering - Payment systems - Part 21: Framework for standardization                                                                                                                                                                                                                                                                    | -               | -           |

| <u>Publication</u>    | <u>Year</u> | <u>Title</u>                                                                                                                                                                | <u>EN/HD</u> | <u>Year</u> |
|-----------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|
| IEC 62058-11<br>(mod) | 2008        | Electricity metering equipment (AC) -<br>Acceptance inspection - Part 11: General<br>acceptance inspection methods                                                          | EN 62058-11  | 2010        |
| IEC 62058-31<br>(mod) | 2008        | Electricity metering equipment (AC) -<br>Acceptance inspection - Part 31: Particular<br>requirements for static meters for active<br>energy (classes 0,2 S, 0,5 S, 1 and 2) | EN 62058-31  | 2010        |



# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Electricity metering – Payment systems –  
Part 31: Particular requirements – Static payment meters for active energy  
(classes 0,5, 1 and 2)**

**Équipements de comptage de l'électricité – Systèmes à paiement –  
Partie 31: Exigences particulières – Compteurs statiques à paiement d'énergie  
active (classes 0,5, 1 et 2)**

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