



BSI Standards Publication

Electricity metering equipment (a.c.) - Particular requirements

Part 23: Static meters for reactive energy (classes 2 and 3)

National foreword

This British Standard is the UK implementation of EN 62053-23:2003+A1:2017, incorporating corrigenda February 2004 and March 2018. It is identical to IEC 62053-23:2003, incorporating amendment 1:2016. It supersedes BS EN 62053-23:2003, which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to IEC text carry the number of the IEC amendment. For example, text altered by IEC amendment 1 is indicated by A1 A1.

The UK participation in its preparation was entrusted to Technical Committee PEL/13, Electricity Meters.

A list of organizations represented on this committee can be obtained on request to its secretary.

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24 February 2004	Correction to supersession information
31 July 2017	Implementation of IEC amendment 1:2016 with CENELEC endorsement A1:2017. Annex ZA updated
31 July 2018	Implementation of IEC corrigendum March 2018: IEC Foreword added

**Electricity metering equipment (a.c.) –
Particular requirements
Part 23: Static meters for reactive energy (classes 2 and 3)
(IEC 62053-23:2003)**

Equipement de comptage
de l'électricité (c.a.) –
Prescriptions particulières
Partie 23: Compteurs statiques d'énergie
réactive (classes 2 et 3)
(CEI 62053-23:2003)

Wechselstrom-Elektrizitätszähler -
Besondere Anforderungen
Teil 23: Elektronische
Blindverbrauchsähler der
Genauigkeitsklassen 2 und 3
(IEC 62053-23:2003)

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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 13/1284/FDIS, future edition 1 of IEC 62053-23, 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 62053-23 on 2003-03-01.

This European Standard supersedes EN 61268:1996.

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) 2003-12-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2006-03-01

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 and ZA are normative and annex C is informative.

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62053-23:2003 was approved by CENELEC as a European Standard without any modification.

Foreword to amendment A1

The text of document 13/1696/FDIS, future IEC 62053-23:2003/A1, prepared by IEC/TC 13 "Electrical energy measurement and control" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62053-23:2003/A1:2017.

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standard or by endorsement
- latest date by which the national (dow) 2020-03-31
standards conflicting with the
document have to be withdrawn

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The text of the International Standard IEC 62053-23:2003/A1:2016 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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

NOTE 1 When 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

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60736	1982	Testing equipment for electrical energy meters	-	-
IEC 62052-11	2003	Electricity metering equipment (AC) - General requirements, tests and test conditions – Part 11: Metering equipment	EN 62052-11	2003
+A1	2016		+A1	2017
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 62053-61	1998	Electricity metering equipment (a.c.) Particular requirements – Part 61: Power consumption and voltage requirements	EN 62053-61	1998

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ELECTRICITY METERING EQUIPMENT (AC) – PARTICULAR REQUIREMENTS –

Part 23: Static meters for reactive energy (classes 2 and 3)

FOREWORD

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International Standard IEC 62053-23 has been prepared by IEC technical committee 13: Equipment for electrical energy measurement and load control.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of the base publication and its amendment will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
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It is the recommendation of the committee that the content of this publication be adopted for implementation nationally not earlier than 4 years from the date of publication.