



Electricity metering (AC)—Tariff and load control

Part 21: Particular requirements for time switches (IEC 62054-21:2017 (ED.1.1), MOD)



AS 62054.21:2018

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- Australian Energy Council
- Australian Energy Market Operator
- Australian Industry Group
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Preface

This Standard was prepared by the Standards Australia Committee EL-011, Electricity Metering Equipment to supersede AS 62054.21—2006, *Electricity metering (ac) —Tariff and load control, Part 21: Particular requirements for time switches*.

The objective of this Standard is to specify particular requirements for the type test of newly manufactured indoor time switches with operation reserve that are used to control electrical loads, multi-tariff registers and maximum demand devices of electricity metering equipment.

This Standard is an adoption with national modifications, and has been reproduced from, IEC 62054-21:2004+AMD1:2017 CSV (ED.1.1), *Electricity metering (AC) — Tariff and load control — Part 21: Particular requirements for time switches*.

Appendix ZZ lists the variations for the application of this Standard in Australia.

As this document has been reproduced from an International Standard, the following applies:

- (a) In the source text “this part of IEC 62054” should read “this Australian Standard”.
- (b) A full point substitutes for a comma when referring to a decimal marker.

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The terms “normative” and “informative” are used in Standards to define the application of the appendices or annexes to which they apply. A “normative” appendix or annex is an integral part of a Standard, whereas an “informative” appendix or annex is only for information and guidance.

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**ELECTRICITY METERING (AC) –
TARIFF AND LOAD CONTROL –****Part 21: Particular requirements for time switches****FOREWORD**

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This Consolidated version of IEC 62054-21 bears the edition number 1.1. It consists of the first edition (2004-05) [documents 13/1308/FDIS and 13/1317/RVD] and its amendment 1 (2017-01) [documents 13/1705A/FDIS and 13/1728/RVD]. The technical content is identical to the base edition and its amendment.

This Final version does not show where the technical content is modified by amendment 1. A separate Redline version with all changes highlighted is available in this publication.

International Standard IEC 62054-21 has been prepared by IEC technical committee 13: Equipment for electrical energy measurement and load control.

This standard, in conjunction with IEC 62052-21, cancels and replaces IEC 61038:1990, *Electricity metering – Tariff and load control – Particular requirements for time switches* and all amendments. .

This standard is to be used in conjunction with IEC 62052-21 and the relevant parts of the IEC 62059 series.

The French version of this standard has not been voted upon.

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

IEC 62054 consists of the following parts, under the general title: *Electricity metering (a.c.) Tariff and load control*:

IEC 62054-11: Particular requirements for electronic ripple control receivers
(*Replaces the particular requirements of IEC 61037.*)

IEC 62054-21: Particular requirements for time switches
(*Replaces the particular requirements of IEC 61038.*)

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,
- replaced by a revised edition, or
- amended.

NOTE The attention of National Committees is drawn to the fact that equipment manufacturers and testing organizations may need a transitional period following publication of a new, amended or revised IEC publication in which to make products in accordance with the new requirements and to equip themselves for conducting new or revised tests.

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.

The contents of the corrigendum of March 2018 have been included in this copy.