

Meter-mounting devices



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Standards Update Service

CSA C22.2 No. 115:14
July 2014

Title: *Meter-mounting devices*

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CSA C22.2 No. 115:14
Meter-mounting devices



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*Published in July 2014 by CSA Group
A not-for-profit private sector organization
178 Rexdale Boulevard, Toronto, Ontario, Canada M9W 1R3*

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or call toll-free 1-800-463-6727 or 416-747-4044.*

ISBN 978-1-77139-637-0

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Preface

This is the sixth edition of CSA C22.2 No. 115, *Meter-mounting devices*, one of a series of Standards issued by CSA Group under the *Canadian Electrical Code, Part II*. It supersedes the previous editions published in 1989, 1983, 1971, 1967, and 1963.

Changes to this edition include

- a) the addition of 320 A self-contained meter-mounting devices;
- b) the addition of requirements for bypass for self-contained meter-mount devices greater than 200 A; and
- c) updated reference publications.

For general information on the Standards of the *Canadian Electrical Code, Part II*, see the Preface of CAN/CSA-C22.2 No. 0, *General Requirements — Canadian Electrical Code, Part II*.

This Standard is considered suitable for use for conformity assessment within the stated scope of the Standard.

This Standard was prepared by the Subcommittee on Meter-Mounting Devices under the jurisdiction of the Technical Committee on Industrial Products and the Strategic Steering Committee on Requirements for Electrical Safety.

Interpretations: The Strategic Steering Committee on Requirements for Electrical Safety has provided the following direction for the interpretation of standards under its jurisdiction: “The literal text shall be used in judging compliance of products with the safety requirements of this Standard. When the literal text cannot be applied to the product, such as for new materials or construction, and when a relevant committee interpretation has not already been published, CSA’s procedures for interpretation shall be followed to determine the intended safety principle.”

Notes:

- 1) *Use of the singular does not exclude the plural, and vice versa) when the sense allows.*
 - 2) *Although the intended primary application of this Standard is stated in its Scope, it is important to note that it remains the responsibility of the user of the Standard to judge its suitability for his particular purpose.*
 - 3) *This Standard was developed by consensus, which is defined by CSA Policy governing standardization — Code of good practice for standardization, as “substantial agreement. Consensus implies much more than a simple majority, but not necessarily unanimity”. It is consistent with this definition that a member may be included in the Technical Committee, but not in full agreement with all clauses of this Standard.*
 - 4) *To submit a request for interpretation of this Standard, please send the following information to inquiries@csagroup.org and include “Request for interpretation” in the subject line:*
 - a) *define the problem, making reference to the specific clause, and, where appropriate, include an illustrative sketch;*
 - b) *provide an explanation of circumstances surrounding the actual field condition; and*
 - c) *where possible, phrase the request in such a way that a specific “yes” or “no” answer will address the issue.*
- Committee interpretations are processed in accordance with the CSA Directives and guidelines governing standardization and are available on the Current Standards Activities page at standardsactivities.csa.ca.*
- This Standard is subject to review five years from the date of publication and suggestions for its improvement will be referred to the appropriate committee. To submit a proposal for change, please send the following information to inquiries@csagroup.org and include “Proposal for change” in the subject line:*
- a) *Standard designation (number);*
 - b) *relevant clause, table, and/or figure number;*
 - c) *wording of the proposed change; and*

d) *rationale for the change.*

CSA C22.2 No. 115:14

Meter-mounting devices

1 Scope

1.1

This Standard applies to indoor and outdoor meter-mounting devices, either as complete self-contained devices or provided as a part of service equipment, for use in nonhazardous locations, and intended to be employed in accordance with the Rules of the *Canadian Electrical Code, Part I* (“CEC Part I”).

1.2

This Standard covers devices for use with watt hour meters, demand meters, time switches, current transformers, test switches, instruments, and similar devices rated at 320 A or less per meter socket, 600 V or less, single or polyphase, and multiple-position meter socket assemblies with an overall current rating of 600 A or less (200 A maximum per meter socket).

1.3

This Standard applies to subfeed meter-mounting devices that have provision for the main load terminations and for one subfeed termination.

1.4

This Standard applies to the meter-mounting device portion when supplied as a part of service or other equipment where applicable.

1.5

Meter-mounting devices, as covered by this Standard, are not intended to be used as load-making or load-breaking devices.

1.6

This Standard applies to transformer-rated meter-mounting devices that consist of current transformers, meter sockets, and optional test switches, mounted in the same enclosure rated 600 A or less and 600 V (nominal) or less.

1.7

In this Standard, “shall” is used to express a requirement, i.e., a provision that the user is obliged to satisfy in order to comply with the standard; “should” is used to express a recommendation or that which is advised but not required; and “may” is used to express an option or that which is permissible within the limits of the standard.

Notes accompanying clauses do not include requirements or alternative requirements; the purpose of a note accompanying a clause is to separate from the text explanatory or informative material.

Notes to tables and figures are considered part of the table or figure and may be written as requirements.