CSA GROUP™

C22.2 No. 42-10

National Standard of Canada

(reaffirmed 2020)

General use receptacles, attachment plugs, and similar wiring devices

Standards Council of Canada
Conseil canadien des normes

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Revision History

C22.2 No. 42-10, General use receptacles, attachment plugs, and similar wiring devices — originally published November 2010

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Preface

This is the seventh edition of CSA C22.2 No. 42, *General use receptacles, attachment plugs, and similar wiring devices,* part of a series of Standards issued by CSA International under Part II of the *Canadian Electrical Code.* This edition supersedes the previous editions, published in 1999, 1984, 1979, 1959, 1942, and 1937.

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

This Standard was prepared by the Integrated Committee on Wiring Devices under the jurisdiction of the Technical Committee on Wiring Products and the Strategic Steering Committee on Requirements for Electrical Safety, and has been formally approved by the Technical Committee.

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

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".

November 2010

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 users of the Standard to judge its suitability for their particular purpose.*

(3) *This publication 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 list and yet not be in full agreement with all clauses of this publication.*

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(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 published in CSA's periodical* Info Update*, which is available on the CSA website at* ***http://standardsactivities.csa.ca****.*

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(a) Standard designation (number);
(b) relevant clause, table, and/or figure number;
(c) wording of the proposed change; and
(d) rationale for the change.

C22.2 No. 42-10
General use receptacles, attachment plugs, and similar wiring devices

1 Scope

1.1
This Standard applies to the following wiring devices of the general purpose nonlocking and locking types, rated 60 A and less, and intended for use in accordance with the *Canadian Electrical Code, Part I*:

(a) general use and hospital-grade attachment plugs;
(b) adapters without male or female screwshell;
(c) general use and hospital-grade receptacles;
(d) receptacles intended for use with copper or aluminum wire;
(e) self-contained receptacles;
(f) general use and hospital-grade cord connectors;
(g) current taps and similar devices (e.g., flanged equipment power inlets and outlets);
(h) the following devices for use with copper conductor, nonmetallic sheathed cables for mounting without a separate outlet box, in accordance with the Rules of the *Canadian Electrical Code, Part I*:
    (i) self-contained receptacles, intended for flush mounting, rated 15 and 20 A, 125 and 250 V; and
    (ii) surface-mounted receptacles rated 15 and 20 A, 125 and 250 V;
(i) devices with varistors intended for surge suppression of connected loads; and
(j) receptacles with more than two sets of female contacts such as triplex, quadruplex, etc.

1.2
This Standard does not apply to the following products:

(a) pull-off plugs, which are addressed in CSA C22.2 No. 57*;*
(b) receptacles, attachment plugs, connectors, and adapters intended for use in hazardous locations, which are addressed in CSA C22.2 No. 159;
(c) receptacles, attachment plugs, connectors, and adapters of the special-use types, which are addressed in CSA C22.2 No. 182.1, CSA C22.2 No. 182.2, CSA C22.2 No. 182.3, and CAN/CSA-C22.2 No. 182.4;
(d) metal and nonmetallic flush device cover plates, which are addressed in CAN/CSA-C22.2 No. 42.1; and
(e) devices having male or female screwshells, which are addressed in CSA C22.2 No. 43.

1.3
In CSA standards, "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.

Annexes are designated normative (mandatory) or informative (nonmandatory) to define their application.