



**Type Class 2 power supplies (USB) and combination devices  
(receptacle/USB)**



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# *Revision History*

**CSA C22.2 No. 338:19, Type Class 2 power supplies (USB) and combination devices (receptacle/USB)**

<b>Errata — July 2019</b>	<b>Revision symbol (in margin)</b>
Clauses <a href="#">6.2.3</a> and <a href="#">6.3.3</a> Tables <a href="#">5</a> and <a href="#">6</a>	Δ

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***and combination devices***  
***(receptacle/USB)***



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# Preface

This is the first edition of CSA C22.2 No. 338, *Type Class 2 power supplies (USB) and combination devices (receptacle/USB)*. It is one of a series of Standards issued under Part II of the *Canadian Electrical Code*.

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

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

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.

**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.”

This standard has been developed in compliance with Standards Council of Canada requirements for National Standards of Canada. It has been published as a National Standard of Canada by CSA Group.

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    - b) *provide an explanation of circumstances surrounding the actual field condition; and*
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    - b) *relevant clause, table, and/or figure number;*
    - c) *wording of the proposed change; and*
    - d) *rationale for the change.*

# CSA C22.2 No. 338:19

## **Type Class 2 power supplies (USB) and combination devices (receptacle/USB)**

### **1 Scope**

#### **1.1**

This Standard applies to wiring devices rated 60 A or less and intended for use in accordance with CSA C22.1, *Canadian Electrical Code, Part I*, as follows:

- a) Class 2 power supply outlets (USB) installed on
  - i) faceplates of an outlet box;
  - ii) a yoke similar to an outlet box mounted receptacle; or
  - iii) mounted on a wall as a self-contained device; and
- b) combination devices (receptacle/USB, general use switch/USB).

#### **1.2**

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.

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

#### **1.3**

The values given in SI units are the units of record for the purposes of this Standard. The values given in parentheses are for information and comparison only.

## **2 Reference publications**

This Standard refers to the following publications, and where such reference is made, it shall be to the edition listed below:

#### **CSA Group**

C22.1-18

*Canadian Electrical Code, Part I*

CAN/CSA-C22.2 No. 0-10 (R2015)

*General requirements - Canadian Electrical Code, Part II*