



CSA C22.2 No. 60335-2-48:20

Household and similar electrical appliances — Safety — Part 2-48: Particular requirements for commercial electric grillers and toasters
(IEC 60335-2-48:2002+A1:2008+A2:2017, MOD)

CSA C22.2 n° 60335-2-48:20

Appareils électrodomestiques et analogues — Sécurité — Partie 2-48 : Règles particulières pour les grils et grille-pain électriques à usage collectif
(IEC 60335-2-48:2002+A1:2008+A2:2017, MOD)



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**Household and similar electrical appliances —
Safety — Part 2-48: Particular requirements for
commercial electric grillers and toasters**
(IEC 60335-2-48:2002+A1:2008+A2:2017, MOD)

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CSA Preface

This is the third edition of CSA C22.2 No. 60335-2-48, *Household and similar electrical appliances — Safety — Part 2-48: Particular requirements for commercial electric grillers and toasters*, which is an adoption, with Canadian deviations, of the identically titled IEC (International Electrotechnical Commission) Standard 60335-2-48 (edition 4:2002 consolidated with Amendment 1:2008 and Amendment 2:2017). It supersedes the previous edition published in 2001 as CAN/CSA-E60335-2-48 (adopted IEC 60335-2-48:2000). It also replaces the requirements for commercial electric grillers and toasters found in CSA C22.2 No. 109-17, *Commercial cooking appliances*. It is one in a series of Standards issued by CSA Group under Part II of the *Canadian Electrical Code*.

For brevity, this Standard will be referred to as “CSA C22.2 No. 60335-2-48” throughout.

This Standard is intended to be used in conjunction with CAN/CSA-C22.2 No. 60335-1:16, *Household and similar electrical appliances — Safety — Part 1: General requirements* (adopted IEC 60335-1:2010+A1:2013, with Canadian deviations).

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

This Standard was reviewed for Canadian adoption by the CSA Technical Committee on Consumer and Commercial Products, under the jurisdiction of the CSA Strategic Steering Committee on Requirements for Electrical Safety, and has been formally approved by the Technical Committee.

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.

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 CSA committee interpretation has not already been published, CSA Group’s procedures for interpretation shall be followed to determine the intended safety principle.”

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This Standard is subject to review within five years from the date of publication, and suggestions for its improvement will be referred to the appropriate committee. The technical content of IEC and ISO publications is kept under constant review by IEC and ISO. 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.

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HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES – SAFETY –

Part 2-48: Particular requirements for commercial electric grillers and toasters

1 Scope

This clause of Part 1 is replaced by the following.

This International Standard deals with the safety of electrically operated commercial **grillers** and **toasters** not intended for household and similar use, their **rated voltage** being not more than 250 V for single-phase appliances connected between one phase and neutral, and 480 V for other appliances.

Rotary or continuous grillers and toasters and similar appliances intended for grilling by radiant heat such as rotisseries, salamanders, etc. are within the scope of this standard.

NOTE 101 These appliances are used for the commercial processing of food, for example in kitchens of restaurants, canteens, hospitals and in commercial enterprises such as bakeries, butcheries, etc.

The electrical part of appliances making use of other forms of energy is also within the scope of this standard.

As far as is practicable, this standard deals with the common hazards presented by these types of appliances.

NOTE 102 Attention is drawn to the fact that

- for appliances intended to be used in vehicles or on board ships or aircraft, additional requirements may be necessary;
- in many countries additional requirements are specified by the national health authorities, the national authorities responsible for the protection of labour, the national water supply authorities and similar authorities;
- for appliances intended to be used outdoors, additional requirements may be necessary.

NOTE 103 This standard does not apply to

- appliances designed exclusively for industrial purposes;
- appliances intended to be used in locations where special conditions prevail, such as the presence of a corrosive or explosive atmosphere (dust, vapour or gas);
- ~~continuous-process~~ appliances for the continuous mass production of food;
- griddles and griddle grills (IEC 60335-2-38).

2 Normative references

This clause of Part 1 is applicable **except as follows**.

Addition:

IEC 60584-1, *Thermocouples – Part 1: EMF specifications and tolerances*

ISO 898-1, *Mechanical properties of fasteners made of carbon steel and alloy steel – Part 1: Bolts, screws and studs with specified property classes – Coarse thread and fine pitch thread*

ISO 3506-1, *Mechanical properties of corrosion-resistant stainless steel fasteners – Part 1: Bolts, screws and studs*