



CSA C22.2 No. 60335-2-56:15

Household and similar electrical appliances — Safety — Part 2-56: Particular requirements for projectors and similar appliances
(IEC 60335-2-56:2002+A1:2008+A2:2014, MOD)

CSA C22.2 n° 60335-2-56:15

Appareils électrodomestiques et analogues — Sécurité — Partie 2-56 : Règles particulières pour les projecteurs d'images et appareils analogues
(IEC 60335-2-56:2002+A1:2008+A2:2014, MOD)



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Prepared by
International Electrotechnical Commission



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CSA Preface

This is the third edition of CAN/CSA-C22.2 No. 60335-2-56, *Household and similar electrical appliances — Safety — Part 2-56: Particular requirements for projectors and similar appliances*, which is an adoption, with Canadian deviations, of the identically titled IEC (International Electrotechnical Commission) Standard 60335-2-56 (edition 3:2002 consolidated with Amendment 1:2008 and Amendment 2:2014). It supersedes the previous edition published in 2001 as CAN/CSA-E60335-2-56 (adopted IEC 60335-2-56:1997), and it replaces CSA C22.2 No. 118-1959, *Construction and test of picture machines and 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 “CAN/CSA-C22.2 No. 60335-2-56” throughout.

This Standard is intended to be used in conjunction with CAN/CSA-C22.2 No. 60335-1:11, *Safety of household and similar appliances — Part 1: General requirements* (adopted IEC 60335-1:2001+A1:2004+A2:2006, 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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CONTENTS

FOREWORD.....	3
INTRODUCTION.....	5
1 Scope.....	6
2 Normative references	7
3 Terms and definitions	7
4 General requirement.....	9
5 General conditions for the tests	9
6 Classification.....	9
7 Marking and instructions.....	9
8 Protection against access to live parts.....	10
9 Starting of motor-operated appliances	10
10 Power input and current	10
11 Heating	10
12 Void	11
13 Leakage current and electric strength at operating temperature.....	11
14 Transient overvoltages	11
15 Moisture resistance	11
16 Leakage current and electric strength.....	11
17 Overload protection of transformers and associated circuits	11
18 Endurance.....	11
19 Abnormal operation	11
20 Stability and mechanical hazards	12
21 Mechanical strength	12
22 Construction.....	13
23 Internal wiring.....	13
24 Components.....	13
25 Supply connection and external flexible cords	13
26 Terminals for external conductors.....	13
27 Provision for earthing	13
28 Screws and connections.....	13
29 Clearances, creepage distances and solid insulation	14
30 Resistance to heat and fire.....	14
31 Resistance to rusting.....	14
32 Radiation, toxicity and similar hazards.....	14
Annexes	15
Bibliography.....	16
Table 101 – Temperature rise limits	11

HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES – SAFETY –

Part 2-56: Particular requirements for projectors and similar appliances

1 Scope

This clause of Part 1 is replaced by the following.

This International Standard deals with the safety of electric projectors and similar appliances for household and similar purposes, their **rated voltage** being not more than 250 V.

NOTE 101 Examples of appliances that are within the scope of this standard are

- **effects projectors;**
- **film-strip projectors;**
- **film viewers;**
- **microscope projectors;**
- **motion-picture projectors;**
- **opaque projectors** (episcopes);
- **opaque-transparency projectors** (epidiascopes);
- **overhead projectors;**
- **photographic enlargers;**
- **photo-reproduction appliances;**
- **slide projectors** (diascopes);
- **slide-sorting appliances.**
- **still viewers.**

Appliances may incorporate sound amplifiers.

Appliances not intended for normal household use, but which nevertheless may be a source of danger to the public, such as appliances intended for use by laymen in schools, offices, shops and similar locations are within the scope of this standard.

As far as practicable, this standard deals with the common hazards presented by appliances which are encountered by all persons in and around the home. However, in general, it does not take into account

- ~~the use of appliances by young children or infirm persons without supervision persons (including children) whose~~
 - ~~physical, sensory or mental capabilities; or~~
 - ~~lack of experience and knowledge~~~~prevents them from using the appliance safely without supervision or instruction;~~
- ~~children playing with the appliance by young children.~~

NOTES 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, and similar authorities.
- IEC 60598-1 is applicable as far as is reasonable.

NOTE 103 This standard does not apply to: