



**CSA
Group**

CSA C22.2 No. 60320-3:19
(IEC 60320-3:2014, MOD)
National Standard of Canada



CSA C22.2 No. 60320-3:19

**Appliance couplers for household and similar general
purposes — Part 3: Standard sheets and gauges**
(IEC 60320-3:2014, MOD)



Standards Council of Canada
Conseil canadien des normes

Legal Notice for Standards

Canadian Standards Association (operating as “CSA Group”) develops standards through a consensus standards development process approved by the Standards Council of Canada. This process brings together volunteers representing varied viewpoints and interests to achieve consensus and develop a standard. Although CSA Group administers the process and establishes rules to promote fairness in achieving consensus, it does not independently test, evaluate, or verify the content of standards.

Disclaimer and exclusion of liability

This document is provided without any representations, warranties, or conditions of any kind, express or implied, including, without limitation, implied warranties or conditions concerning this document’s fitness for a particular purpose or use, its merchantability, or its non-infringement of any third party’s intellectual property rights. CSA Group does not warrant the accuracy, completeness, or currency of any of the information published in this document. CSA Group makes no representations or warranties regarding this document’s compliance with any applicable statute, rule, or regulation.

IN NO EVENT SHALL CSA GROUP, ITS VOLUNTEERS, MEMBERS, SUBSIDIARIES, OR AFFILIATED COMPANIES, OR THEIR EMPLOYEES, DIRECTORS, OR OFFICERS, BE LIABLE FOR ANY DIRECT, INDIRECT, OR INCIDENTAL DAMAGES, INJURY, LOSS, COSTS, OR EXPENSES, HOWSOEVER CAUSED, INCLUDING BUT NOT LIMITED TO SPECIAL OR CONSEQUENTIAL DAMAGES, LOST REVENUE, BUSINESS INTERRUPTION, LOST OR DAMAGED DATA, OR ANY OTHER COMMERCIAL OR ECONOMIC LOSS, WHETHER BASED IN CONTRACT, TORT (INCLUDING NEGLIGENCE), OR ANY OTHER THEORY OF LIABILITY, ARISING OUT OF OR RESULTING FROM ACCESS TO OR POSSESSION OR USE OF THIS DOCUMENT, EVEN IF CSA GROUP HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, INJURY, LOSS, COSTS, OR EXPENSES.

In publishing and making this document available, CSA Group is not undertaking to render professional or other services for or on behalf of any person or entity or to perform any duty owed by any person or entity to another person or entity. The information in this document is directed to those who have the appropriate degree of experience to use and apply its contents, and CSA Group accepts no responsibility whatsoever arising in any way from any and all use of or reliance on the information contained in this document.

CSA Group is a private not-for-profit company that publishes voluntary standards and related documents. CSA Group has no power, nor does it undertake, to enforce compliance with the contents of the standards or other documents it publishes.

Intellectual property rights and ownership

As between CSA Group and the users of this document (whether it be in printed or electronic form), CSA Group is the owner, or the authorized licensee, of all works contained herein that are protected by copyright, all trade-marks (except as otherwise noted to the contrary), and all inventions and trade secrets that may be contained in this document, whether or not such inventions and trade secrets are protected by patents and applications for patents. Without limitation, the unauthorized use, modification, copying, or disclosure of this document may violate laws that protect CSA Group’s and/or others’ intellectual property and may give rise to a right in CSA Group and/or others to seek legal redress for such use, modification, copying, or disclosure. To the extent permitted by treaty or by law, CSA Group reserves all intellectual property rights in this document.

Patent rights

Attention is drawn to the possibility that some of the elements of this standard may be the subject of patent rights. CSA Group shall not be held responsible for identifying any or all such patent rights. Users of this standard are expressly advised that determination of the validity of any such patent rights is entirely their own responsibility.

Authorized use of this document

This document is being provided by CSA Group for informational and non-commercial use only. The user of this document is authorized to do only the following:

If this document is in electronic form:

- load this document onto a computer for the sole purpose of reviewing it;
- search and browse this document; and
- print this document if it is in PDF form.

Limited copies of this document in print or paper form may be distributed only to persons who are authorized by CSA Group to have such copies, and only if this Legal Notice appears on each such copy.

In addition, users may not and may not permit others to

- alter this document in any way, or remove this Legal Notice from the attached standard;
- sell this document without authorization from CSA Group; or
- make an electronic copy of this document.

If you do not agree with any of the terms and conditions contained in this Legal Notice, you may not load or use this document or make any copies of the contents hereof, and if you do make such copies, you are required to destroy them immediately. Use of this document constitutes your acceptance of the terms and conditions of this Legal Notice.



Standards Update Service

CSA C22.2 No. 60320-3:19

February 2019

Title: *Appliance couplers for household and similar general purposes — Part 3:
Standard sheets and gauges*

To register for e-mail notification about any updates to this publication

- go to **shop.csa.ca**
- click on **CSA Update Service**

The **List ID** that you will need to register for updates to this publication is **2426504**.

If you require assistance, please e-mail techsupport@csagroup.org or call 416-747-2233.

Visit CSA Group's policy on privacy at csagroup.org/legal to find out how we protect your personal information.

Canadian Standards Association (operating as “CSA Group”), under whose auspices this National Standard has been produced, was chartered in 1919 and accredited by the Standards Council of Canada to the National Standards system in 1973. It is a not-for-profit, nonstatutory, voluntary membership association engaged in standards development and certification activities.

CSA Group standards reflect a national consensus of producers and users — including manufacturers, consumers, retailers, unions and professional organizations, and governmental agencies. The standards are used widely by industry and commerce and often adopted by municipal, provincial, and federal governments in their regulations, particularly in the fields of health, safety, building and construction, and the environment.

Individuals, companies, and associations across Canada indicate their support for CSA Group’s standards development by volunteering their time and skills to Committee work and supporting CSA Group’s objectives through sustaining memberships. The more than 7000 committee volunteers and the 2000 sustaining memberships together form CSA Group’s total membership from which its Directors are chosen. Sustaining memberships represent a major source of income for CSA Group’s standards development activities.

CSA Group offers certification and testing services in support of and as an extension to its standards development activities. To ensure the integrity of its certification process, CSA Group regularly and continually audits and inspects products that bear the CSA Group Mark.

In addition to its head office and laboratory complex in Toronto, CSA Group has regional branch offices in major centres across Canada and inspection and testing agencies in eight countries. Since 1919, CSA Group has developed the necessary expertise to meet its corporate mission: CSA Group is an independent service organization whose mission is to provide an open and effective forum for activities facilitating the exchange of goods and services through the use of standards, certification and related services to meet national and international needs.

For further information on CSA Group services, write to
CSA Group
178 Rexdale Boulevard
Toronto, Ontario, M9W 1R3
Canada



Standards Council of Canada
Conseil canadien des normes

A National Standard of Canada is a standard developed by a Standards Council of Canada (SCC) accredited Standards Development Organization, in compliance with requirements and guidance set out by SCC. More information on National Standards of Canada can be found at www.scc.ca.

SCC is a Crown corporation within the portfolio of Innovation, Science and Economic Development (ISED) Canada. With the goal of enhancing Canada's economic competitiveness and social well-being, SCC leads and facilitates the development and use of national and international standards. SCC also coordinates Canadian participation in standards development, and identifies strategies to advance Canadian standardization efforts.

Accreditation services are provided by SCC to various customers, including product certifiers, testing laboratories, and standards development organizations. A list of SCC programs and accredited bodies is publicly available at www.scc.ca.

Standards Council of Canada
600-55 Metcalfe Street
Ottawa, Ontario, K1P 6L5
Canada

Cette Norme Nationale du Canada est disponible en versions française et anglaise.

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 to judge its suitability for their particular purpose.

**A trademark of the Canadian Standards Association, operating as “CSA Group”*

CSA Technical Committee on Wiring Products

P. Desilets	Leviton Manufacturing of Canada Limited, Pointe-Claire, Québec, Canada <i>Category: Producer Interest</i>	<i>Chair</i>
T. Simmons	British Columbia Institute of Technology, Burnaby, British Columbia, Canada <i>Category: General Interest</i>	<i>Vice-Chair</i>
W.J. Burr	Burr and Associates, Campbell River, British Columbia, Canada <i>Category: User Interest</i>	
C. Davis	Electro Cables Incorporated, Trenton, Ontario, Canada <i>Category: Producer Interest</i>	
S.W. Douglas	International Association of Electrical Inspectors, Toronto, Ontario, Canada <i>Category: General Interest</i>	
D. Drysdale	Nexans Canada Inc., Fergus, Ontario, Canada <i>Category: Producer Interest</i>	
R.W. Horner	Atkore International (Allied Tube & Conduit Corporation), Harvey, Illinois, USA <i>Category: Producer Interest</i>	
J. Imlah	Imlah Electrical Consulting, Aloha, Oregon, USA <i>Category: User Interest</i>	
R.J. Kelly	Nunavut Department of Community and Government Services, Iqaluit, Nunavut, Canada <i>Category: Regulatory Authority</i>	
S.H. Mallikarachchi	City of Winnipeg Planning, Property & Development, Winnipeg, Manitoba, Canada <i>Category: Regulatory Authority</i>	

S. Mercier Régie du bâtiment du Québec,
Montréal, Québec, Canada
Category: Regulatory Authority

T. Olechna Electrical Safety Authority,
Mississauga, Ontario, Canada
Category: Regulatory Authority

K.L. Rodel Hubbell Canada ULC,
Pickering, Ontario, Canada
Category: Producer Interest

A.Z. Tsisserev AES Engineering Ltd.,
Vancouver, British Columbia, Canada
Category: General Interest

J. Turner Swansea Consulting,
Toronto, Ontario, Canada
Category: User Interest

L. Letea CSA Group,
Toronto, Ontario, Canada *Project Manager*

CSA Integrated Committee on Wiring Devices

K.L. Rodel	Hubbell Canada ULC, Pickering, Ontario, Canada	<i>Chair</i>
A.F. Aljabri	Siemens Canada Limited, Brampton, Ontario, Canada	
B. Arguirova	Morrison Hershfield Limited, Burnaby, British Columbia, Canada	
N. Baird	EGS Electrical Group Canada Ltd., Elmira, Ontario, Canada	
G. Benjamin	ABB Installation Products Ltd., Dorval, Québec, Canada	
D.M. Berlin	Intermatic Incorporated, Spring Grove, Illinois, USA	
D. Carson	All Fired Up! Ltd., Milton, Ontario, Canada	
P. Desilets	Leviton Manufacturing of Canada Limited, Pointe-Claire, Québec, Canada	
J.S. Frederic	Urdu writers Laboratories Inc., Merrill, New York, USA	
T. George	Omron Management Center of America, Hoffman Estates, Illinois, USA	
J.A. Gibson	TriVar Inc., Brampton, Ontario, Canada	
T. Hansen	CSA Group, Toronto, Ontario, Canada	
R. Haring	Philips Lighting North America Corporation, Rosemont, Illinois, USA	

W. Hartill 2D2C, Inc.,
Kitchener, Ontario, Canada

K. Hood Lloydminster, Alberta, Canada

R. Hopkins Infrastructure Health and Safety Association,
Mississauga, Ontario, Canada

T. Hum Leviton Manufacturing of Canada Limited,
Pointe-Claire, Québec, Canada

T. Jackson Wieland Electric,
Lewiston, Maine, USA

B. Keane Eaton,
Mississauga, Ontario, Canada

D.H. Kendall ABB Installation Products Ltd.,
Memphis, Tennessee, USA

D.J. Kissane Pass & Seymour Inc.,
Syracuse, New York, USA

T. Kranendonk Brantford, Ontario, Canada

C.S. Kurten Underwriters Laboratories Inc.,
Melville, New York, USA

J. Louie General Electric Company,
Cleveland, Ohio, USA

D.L. Lutz Hubbell Incorporated, Wiring Device Division,
Shelton, Connecticut, USA

F. Magisano Hubbell Canada ULC,
Pickering, Ontario, Canada

A. Parrero Euroloft Inc.,
Woodbridge, Ontario, Canada

E. Mendoza Signify,
Rosemont, Illinois, USA

S. Mermillod IPEX Management Inc.,
Verdun, Québec, Canada

A. Mokrytsky Southwire Co.,
Carrollton, Georgia, USA

W. Molto MM Plastic (Mfg.) Company Inc.,
Mississauga, Ontario, Canada

J. Perry Brampton, Ontario, Canada

S. Scott North American Pipe Corporation, a Westlake
Chemical Company,
Woodbridge, Ontario, Canada

R. Spehalski Lutron Electronics Company Inc.,
Coopersburg, Pennsylvania, USA

L. Letea CSA Group,
Toronto, Ontario, Canada

Project Manager

Currently in preview, click buy full version

National Standard of Canada

CSA C22.2 No. 60320-3:19

***Appliance couplers for household and
similar general purposes — Part 3:
Standard sheets and gauges
(IEC 60320-3:2014, MOD)***

Note: For brevity, this Standard will be referred to as “CSA C22.2 No. 60320-3” throughout.

FEBRUARY 15, 2019

This national standard is based on publication IEC 60320-3, First Edition (2014).

*Prepared by
International Electrotechnical Commission*



Reviewed by



CSA Group
CSA C22.2 No. 60320-3:19
First Edition
(IEC 60320-3:2014, MOD)



Underwriters Laboratories Inc.
UL 60320-3
First Edition

ICS 29.120.30



ANSI/UL 60320-3-2019

Commitment for Amendments

This standard is issued jointly by the the Canadian Standards Association (operating as “CSA Group”) and Underwriters Laboratories Inc. (UL). Comments or proposals for revisions on any part of the standard may be submitted to CSA Group or UL at anytime. Revisions to this standard will be made only after processing according to the standards development procedures of CSA Group and UL. CSA Group and UL will issue revisions to this standard by means of a new edition or revised or additional pages bearing their date of issue.

ISBN 978-1-4883-1685-2 Copyright © 2019 Canadian Standards Association

All rights reserved. No part of this publication may be reproduced in any form whatsoever without the prior permission of the publisher.

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 inquires@csagroup.org and include "Proposal for change" in the subject line: Standard designation (number); relevant clause, table, and/or figure number; wording of the proposed change; and rationale for the change.

To purchase CSA Group Standards and related publications, visit CSA Group's Online Store at shop.csa.ca or call toll-free 1-800-463-6727 or 416-747-4044.

Copyright © 2019 Underwriters Laboratories Inc.

UL's Standards for Safety are copyrighted by UL. Neither a printed nor electronic copy of a Standard should be altered in any way. All of UL's Standards and all copyrights, ownerships, and rights regarding those Standards shall remain the sole and exclusive property of UL.

This ANSI/UL Standard for Safety consists of the First Edition.

The most recent designation of ANSI/UL 60320-3 as an American National Standard (ANSI) occurred on February 15, 2019. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page (front and back), or the Preface. The National Difference Page and IEC Foreword are also excluded from the ANSI approval of IEC-based standards.

Comments or proposals for revisions on any part of the Standard may be submitted to UL at any time. Proposals should be submitted via a Proposal Request in UL's On-Line Collaborative Standards Development System (CSDS) at <https://csds.ul.com>.

To purchase UL Standards, visit UL's Standards Sales Site at <http://www.shopulstandards.com/HowToOrder.aspx> or call toll-free 1-888-853-3503.

CONTENTS

Preface	9
NATIONAL DIFFERENCES	11
FOREWORD	13
1 Scope	15
1DV Modify Clause 1 by replacing the first sentence with the following:	15
2 Normative references	15
2DV Modify Clause 2 by replacing the IEC reference with the following:	15
3 Terms and definitions	15
3DV Modify Clause 3 by replacing it with the following:	15
4 General requirements	16
Table 1DV Modify Table 1 by replacing it with Table 1DV:	19
Table 2DV Modify Table 2 by replacing it with Table 2DV:	22
5 Standard sheets for appliance couplers	23
5.1 General	23
5.1DV Modify Clause 5.1 by replacing the first sentence with the following:	23
5.2 Position of switch cams	23
6 Gauges	24
6.1 General	24
6.2 Distance to the point of first contact	24
6.3 "GO" gauge for connectors to standard sheet C1	24
6.4 "GO" gauge for connectors to standard sheet C5	25
6.5 "GO" -gauge for connectors to standard sheet C7	25
6.6 "GO" -gauge for side-entry connectors to standard sheet C7	26
6.7 "NOT-GO" gauge for connectors to standard sheets C1	27
6.8 "NOT-GO" gauge for connectors to standard sheets C1 , C5 and C7	28
6.9 "NOT-GO" gauge for connectors to standard sheets C1 and C7	29
6.10 Blades for checking the resistance against deformation of the front part of the connector to standard sheet C7	30
6.11 "NOT-GO" gauge for appliance inlets to standard sheets C8 , C8A and C8B	31
6.12 "GO" gauge for connectors to standard sheet C9	32
6.13 "NOT-GO" gauge for connectors to standard sheet C9	33
6.14 "GO" gauge for appliance inlets to standard sheets C10	34
6.15 "GO" gauge for connectors to standard sheet C13	35
6.16 "NOT-GO" gauge for connectors to standard sheets C13 and C17	36
6.17 "GO" gauge for appliance inlets to standard sheets C14 , C16 and C18	37
6.18 "GO" gauge for connectors to standard sheet C15	38
6.19 "GO" gauge for connectors to standard sheet C17	39
6.20 "GO" gauge for connectors to standard sheet C19	40
6.21 "GO" gauge for appliance inlets to standard sheets C20 and C24	41
6.22 "GO" gauge for connectors to standard sheet C21	42
6.23 "GO" gauge for appliance inlets to standard sheet C22	43
6.24 "GO" gauge for connectors to standard sheet C23	44
6.25 "NOT-GO" gauge for connectors to standard sheets C13 , C15 and C17	45
6.26 "GO" gauge for connectors to standard sheet C15A	46
6.27 "GO" gauge for appliance inlets to standard sheet C16A	47
6.28 "GO" gauge for appliance outlets to standard sheet F	48
6.29 "GO" gauge for appliance outlets to standard sheet H	49
6.30 "GO" gauge for appliance outlets to standard sheet J	50
6.31 "GO" gauge for appliance outlets to standard sheet L	51

6.32 Gauges for checking the distance from the engagement face of connectors and appliance outlets to the point of first contact.....	52
Standard sheet C1 Connector for 0,2 A / 250 V for use in class II equipment in cold conditions (non-rewirable only)	
C1DV Modify by replacing the title as follows:	54
Standard sheet C2 Appliance inlet 0,2 A / 250 V for class II equipment in cold conditions	
C2DV Modify by replacing the title as follows:	56
Standard sheet C5 Connector for 2,5 A / 250 V for use in class I equipment in cold conditions (non-rewirable only)	
C5DV Modify by replacing the title as follows:	57
Standard sheet C6 Appliance inlet 2,5 A / 250 V for class I equipment in cold conditions	
C6DV Modify by replacing the title as follows:	59
Standard sheet C7 Connector for 2,5 A / 250 V for use in class II equipment in cold conditions (non-rewirable only)	
C7DV.1 Modify by replacing the title as follows:.....	61
C7DV.2 Modify Standard sheet C7 by replacing the fourth paragraph with the following:	61
Standard sheet C8 Appliance inlet 2,5 A / 250 V for class II equipment in cold conditions	
C8DV Modify by replacing the title as follows:	63
Standard sheet C8A Appliance inlet 2,5 A / 250 V for class II equipment in cold conditions	
C8ADV Modify by replacing the title as follows:.....	64
Standard sheet C8B Appliance inlet 2,5 A / 250 V for class II equipment in cold conditions – for alternative connection of the equipment to two different main voltages	
C8BDV Modify by replacing the title as follows:.....	65
Standard sheet C9 Connector for 6 A / 250 V for use in class II equipment in cold conditions (non-rewirable only)	
Standard sheet C10 Appliance inlet 6 A / 250 V for class II equipment in cold conditions	
Standard sheet C13 Connector for 10 A / 250 V for use in class I equipment in cold conditions	
C13DV Modify by replacing the title as follows:	69
Standard sheet C14 Appliance inlet 10 A / 250 V for class I equipment in cold conditions	

C14DV	Modify by replacing the title as follows:	70
Standard sheet C15 Connector for 10 A / 250 V for use in class I equipment in hot conditions		
C15DV	Modify by replacing the title as follows:	72
Standard sheet C15A Connector for 10 A / 250 V for use in class I equipment in very hot conditions		
C15ADV	Modify by replacing the title as follows:	74
Standard sheet C16 Appliance inlet 10 A / 250 V for class I equipment in hot conditions		
C16DV	Modify by replacing the title as follows:	76
Standard sheet C16A Appliance inlet 10 A / 250 V for class I equipment in very hot conditions		
C16ADV	Modify by replacing the title as follows:	78
Standard sheet C17 Connector for 10 A / 250 V for use in class II equipment in cold conditions(non-rewirable only)		
C17DV	Modify by replacing the title as follows:	80
Standard sheet C18 Appliance inlet 10 A / 250 V for class II equipment in cold conditions		
C18DV	Modify by replacing the title as follows:	82
Standard sheet C19 Connector for 16 A / 250 V for use in class I equipment in cold conditions		
C19DV	Modify by replacing the title as follows:	84
Standard sheet C20 Appliance inlet 16 A / 250 V for class I equipment in cold conditions		
C20DV	Modify by replacing the title as follows:	85
Standard sheet C21 Connector for 16 A / 250 V for use in class I equipment in very hot conditions		
C21DV	Modify by replacing the title as follows:	86
Standard sheet C22 Appliance inlet 16 A / 250 V for class I equipment in very hot conditions		
C22DV	Modify by replacing the title as follows:	88
Standard sheet C23 Connector for 16 A / 250 V for use in class II equipment in cold conditions (non-rewirable only)		
C23DV	Modify by replacing the title as follows:	90
Standard sheet C24 Appliance inlet 16 A / 250 V for class II equipment in cold conditions		
C24DV	Modify by replacing the title as follows:	91

Standard sheet C25 Provision for retaining devices**Standard sheet A Plug connector for 2,5 A / 250 V for use in class I equipment in cold conditions (non-rewirable only)**

ADV Modify by replacing the title as follows: 94

Standard sheet B Appliance outlet 2,5 A / 250 V for class I equipment in cold conditions

BDV Modify by replacing the title as follows: 96

Standard sheet C Plug connector for 2,5 A / 250 V for use in class II equipment in cold conditions (non-rewirable only)

CDV Modify by replacing the title as follows: 98

Standard sheet D Appliance outlet 2,5 A / 250 V for class II equipment in cold conditions

DDV Modify by replacing the title as follows: 100

Standard sheet E Plug connector for 10 A / 250 V for use in class I equipment in cold conditions

EDV Modify by replacing the title as follows: 102

Standard sheet F Appliance outlet 10 A / 250 V for class I equipment in cold conditions

FDV Modify by replacing the title as follows: 103

Standard sheet G Plug connector for 10 A / 250 V for use in class II equipment in cold conditions (non-rewirable only)

GDV Modify by replacing the title as follows: 104

Standard sheet H Appliance outlet 10 A / 250 V for class II equipment in cold conditions

HDV Modify by replacing the title as follows: 106

Standard sheet I Plug connector for 16 A / 250 V for use in class I equipment in cold conditions

IDV Modify by replacing the title as follows: 107

Standard sheet J Appliance outlet 16 A / 250 V for class I equipment in cold conditions

JDV Modify by replacing the title as follows: 109

Standard sheet K Plug connector for 16 A / 250 V for use in class II equipment in cold conditions (non-rewirable only)

KDV Modify by replacing the title as follows: 110

Standard sheet L Appliance outlet 16 A / 250 V for class II equipment in cold conditions

LDV Modify by replacing the title as follows: 112

Bibliography

No Text on This Page

Preface

This is the harmonized CSA Group and UL standard for Appliance Couplers for Household and Similar General Purposes – Part 3: Standard Sheets and Gauges. It is the first edition of CSA-C22.2 No. 60320-3, and the first edition of UL 60320-3.

This harmonized standard is based on IEC Publication 60320-3: first edition, Appliance Couplers for Household and Similar General Purposes – Part 3: Standard Sheets and Gauges issued October 2014. IEC 60320-3 is copyrighted by the IEC.

This harmonized standard was prepared by the CSA Group and Underwriters Laboratories Inc. (UL). The efforts and support of the Technical Harmonization Subcommittee, [THSC 23BC-9, Appliance Couplers] on the Harmonization of Electrotechnical Standards of the Nations of the Americas (CANENA), are gratefully acknowledged.

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

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

Application of Standard

Where reference is made to a specific number of samples to be tested, the specified number is to be considered a minimum quantity.

Note: 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.

Level of Harmonization

This standard adopts the IEC text with national differences.

This standard is published as an equivalent standard for CSA Group and UL.

An equivalent standard is a standard that is substantially the same in technical content, except as follows: Technical national differences are allowed for codes and governmental regulations as well as those recognized as being in accordance with NAFTA Article 905, for example, because of fundamental climatic, geographical, technological, or infrastructural factors, scientific justification, or the level of protection that the country considers appropriate. Presentation is word for word except for editorial changes.

All national differences from the IEC text are included in the CSA Group and UL versions of the standard. While the technical content is the same in each organization's version, the format and presentation may differ.

Interpretations

The interpretation by the standards development organization of an identical or equivalent standard is based on the literal text to determine compliance with the standard in accordance with the procedural rules of the standards development organization. If more than one interpretation of the literal text has been

identified, a revision is to be proposed as soon as possible to each of the standards development organizations to more accurately reflect the intent.

IEC Copyright

For CSA Group, the text, figures, and tables of International Electrotechnical Commission Publication 60320-3 Appliance Couplers for Household and Similar General Purposes – Part 3: Standard Sheets and Gauges, copyright 2014, are used in this standard with the consent of the International Electrotechnical Commission. The IEC Foreword is not a part of the requirements of this standard but is included for information purposes only.

These materials are subject to copyright claims of IEC and UL. No part of this publication may be reproduced in any form, including an electronic retrieval system, without the prior written permission of UL. All requests pertaining to the Appliance Couplers for Household and Similar General Purposes – Part 3: Standard Sheets and Gauges UL 60320-3 Standard should be submitted to UL.

NATIONAL DIFFERENCES

National Differences from the text of International Electrotechnical Commission (IEC) Publication 60320-3, Appliance Couplers for Household and Similar General Purposes – Part 3: Standard Sheets and Gauges, copyright 2014 are indicated by notations (differences) and are presented in bold text.

There are five types of National Differences as noted below. The difference type is noted on the first line of the National Difference in the standard. The standard may not include all types of these National Differences.

DR – These are National Differences based on the ***national regulatory requirements***.

D1 – These are National Differences which are based on ***basic safety principles and requirements***, elimination of which would compromise safety for consumers and users of products.

D2 – These are National Differences from IEC requirements based on existing ***safety practices***. These requirements reflect national safety practices, where empirical substantiation (for the IEC or national requirement) is not available or the text has not been included in the IEC standard.

DC – These are National Differences based on the ***component standards*** and will not be deleted until a particular component standard is harmonized with the IEC component standard.

DE – These are National Differences based on ***editorial comments or corrections***.

Each national difference contains a description of what the national difference entails. Typically one of the following words is used to explain how the text of the national difference is to be applied to the base IEC text:

Addition / Add - An addition entails adding a complete new numbered clause, subclause, table, figure, or annex. Addition is not meant to include adding select words to the base IEC text.

Modification / Modify - A modification is an altering of the existing base IEC text such as the addition, replacement or deletion of certain words or the replacement of an entire clause, subclause, table, figure, or annex of the base IEC text.

Deletion / Delete - A deletion entails complete deletion of an entire numbered clause, subclause, table, figure, or annex without any replacement text.

No Text on This Page

FOREWORD

INTERNATIONAL ELECTROTECHNICAL COMMISSION

APPLIANCE COUPLERS FOR HOUSEHOLD AND SIMILAR GENERAL PURPOSES – Part 3: Standard sheets and gauges

1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.

2) The formal decisions or agreements of IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested IEC National Committees.

3) IEC Publications have the form of recommendations for international use and are accepted by IEC National Committees in that sense. While all reasonable efforts are made to ensure that the technical content of IEC Publications is accurate, IEC cannot be held responsible for the way in which they are used or for any misinterpretation by any end user.

4) In order to promote international uniformity, IEC National Committees undertake to apply IEC Publications transparently to the maximum extent possible in their national and regional publications. Any divergence between any IEC Publication and the corresponding national or regional publication shall be clearly indicated in the latter.

5) IEC itself does not provide any attestation of conformity. Independent certification bodies provide conformity assessment services and, in some areas, access to IEC marks of conformity. IEC is not responsible for any services carried out by independent certification bodies.

6) All users should ensure that they have the latest edition of this publication.

7) No liability shall attach to IEC or its directors, employees, servants or agents including individual experts and members of its technical committees and IEC National Committees for any personal injury, property damage or other damage of any nature whatsoever, whether direct or indirect, or for costs (including legal fees) and expenses arising out of the publication, use of, or reliance upon, this IEC Publication or any other IEC Publications.

8) Attention is drawn to the Normative references cited in this publication. Use of the referenced publications is indispensable for the correct application of this publication.

9) Attention is drawn to the possibility that some of the elements of this IEC Publication may be the subject of patent rights. IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 60320-3 has been prepared by subcommittee 23G: Appliance couplers, of IEC technical committee 23: Electrical accessories.

The text of this standard is based on the following documents:

FDIS	Report on voting
23G/336/FDIS	23G/338/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all the parts in the IEC 60320 series, under the general title *Appliance couplers for household and similar general purposes*, can be found on the IEC website.

This part is to be used in conjunction with IEC 60320-1.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

101DV DE Modification: Add the following to the IEC Foreword:

The numbering system in the standard uses a space instead of a comma to indicate thousands and uses a comma instead of a period to indicate a decimal point. For example, 1 000 means 1,000 and 1,01 means 1.01.

APPLIANCE COUPLERS FOR HOUSEHOLD AND SIMILAR GENERAL PURPOSES – Part 3: Standard sheets and gauges

1 Scope

This part of the IEC 60320 sets the dimensions for appliance couplers for two poles and two poles with earth contact

- for the connection of electrical devices for household and similar onto the mains supply and
- for the interconnection of the electrical supply to appliance or equipment
- and dimensions for gauges.

1DV D1 Modify Clause 1 by replacing the first sentence with the following:

CSA-C22.2 No. 60320-3/UL 60320-3 sets the dimensions for appliance couplers for two poles and two poles with earth contact

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60320-1:–, *Appliance couplers for household and similar general purposes – Part 1: General requirements*

2DV D1 Modify Clause 2 by replacing the IEC reference with the following:

UL 60320-1:–, *Appliance couplers for household and similar general purposes – Part 1: General requirements*

CSA-C22.2 No. 60320-1:–, *Appliance couplers for household and similar general purposes – Part 1: General requirements*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in IEC 60320-1 apply.

3DV D1 Modify Clause 3 by replacing it with the following:

For the purposes of this document, the terms and definitions given in CSA-C22.2 No. 60320-1/UL 60320-1 apply.