



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

C22.2 No. 107.3-05, 2nd edition

Uninterruptible Power Systems (bi-national with UL 1778, fourth edition)..... \$395

This standard applies to uninterruptible power systems (UPS) designed to be used in accordance with the *Canadian Electrical Code, Part I* (C22.1), the *National Electrical Code* (ANSI/NFPA 70) and the *Standard for the Protection of Electronic Computer Data-Processing Equipment* (ANSI/NFPA 75).

This standard applies to movable, stationary, fixed, and built-in uninterruptible power systems for distribution systems up to 600 V ac.

This document is available in Portable Document Format (PDF) only.

C22.2 No. 198.3-05, 2nd edition

Coated Electrical Sleeving (bi-national with UL 1441, fourth edition) \$245

The requirements in this standard apply to Grades A and B acrylic-polymer-coated, silicone-polymer-coated, or vinyl-polymer-coated electrical sleeving that consists of closely woven fabric made from glass and that is intended to be used in equipment designed to be installed and used in accordance with the rules of the *Canadian Electrical Code, Part I* (CEC), or the *National Electrical Code* (NEC).

CAN/CSA-C22.2 No. 61058-1-05, 1st edition

Switches for appliances — Part 1: General requirements

(Bi-national standard with UL 61058-1, third edition. Adopted IEC 61058-1, edition 3.1, with national deviations) \$260

This standard applies to switches (mechanical or electronic) for appliances actuated by hand, by foot, or by other human activity, to operate or control electrical appliances and other equipment for household or similar purposes with a rated voltage not exceeding 440 V and a rated current not exceeding 63 A.

This document is available in Portable Document Format (PDF) only.



Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

C22.2 n° 18.3-04, 1^{re} édition

Raccords pour conduits, tubes et câbles (norme trinationale comprenant la première édition de la norme NMX-J-017-ANCE et la cinquième édition de la UL 514B) 310 \$

Cette norme s'applique aux raccords destinés à des câbles ou à des conduits pour installation conformément au *National Electrical Code* (ANSI/NFPA 70), au *Code canadien de l'électricité, Première partie* (CSA C22.1) et à la *Standard for Electrical Installations* (NOM-001-SEDE).

Cette norme s'applique aux composants suivants : contre-écrous pour conduits, traversées pour conduits, traversées pour montants métalliques, entrées de conduit et coudes d'entrée ; raccords pour tubes électriques métalliques, conduits métalliques flexibles, conduits métalliques intermédiaires, conduits flexibles étanches aux liquides, conduits métalliques rigides et têtes de branchement ; raccords pour câbles armés, câbles sous gaine métallique, câbles sous gaine d'aluminium, câbles à isolant minéral, câbles sous gaine non métallique, câbles de branchement du consommateur, câbles pour chemins de câbles et raccords submersibles ; raccords pour cordons souples, tubes métalliques et non métalliques et non métalliques flexibles, traversées isolantes, prises serre-câble, rondelles réductrices et mamelons.

Notes :

- 1) Au Canada, les raccords pour câbles sous gaine métallique (MC), conduits métalliques intermédiaires (IMC), tubes métalliques flexibles, tubes non métalliques flexibles et entrées de conduit ne sont pas reconnus. Les entrées de conduit sont assimilées à des raccords.
- 2) Au Canada, le câble armé comprend le câble de type TECK.

CAN/CSA-C22.2 n° 61058-1-05, 1^{re} édition

Interrupteurs pour appareils — Partie 1 : Règles générales (norme binationale avec UL 61058-1, troisième édition. Norme CEI 61058-1, édition 3.1, adoptée avec des exigences nationales)..... 260 \$

Cette norme s'applique aux interrupteurs (mécaniques ou électroniques) pour appareils manœuvrés à la main, au pied ou par d'autres activités humaines, pour faire fonctionner ou commander des appareils électriques et autres matériels pour usage domestique et analogue, de tension assignée ne dépassant pas 440 V et de courant assigné dépassant pas 63 A.

Cette norme est offerte en format PDF seulement.

Amendments

C22.2 No. 117-1970 (R2002)

Room Air Conditioners

Revision of Clauses 2.1, 4.5.7, and 5.4.

Modifications publiées en français

C22.2 n° 117-1970 (C2002)*Climatiseurs individuels*

Des modifications ont été apportées aux articles 2.1, 4.5.7 et 5.4.

Reaffirmed Standards

CAN/CSA-C22.2 No. 74-96 (R2005)*Equipment for Use with Electric Discharge Lamps***C22.2 No. 241-97 (R2005)***IEEE Standard for Cable Joints for Use with Extruded Dielectric Cable Rated 1000 – 138 000 V and Cable Joints for Use with Laminated Dielectric Cable Rated 2500 – 500 000 V***CAN/CSA-C22.2 No. 242-92 (R2005)***IEEE Standard Test Procedures and Requirements for High-Voltage Alternating-Current Cable Terminations***C22.2 No. 249-96 (R2005)***Standard Tests for Determining Compatibility of Cable-Pulling Lubricants with Wire and Cable***CAN/CSA-C22.2 No. 1010.2.020A-94 (R2005)***Amendment 1:1997 to CAN/CSA-C22.2 No. 1010.2.020-94, “Safety requirements for electrical equipment for measurement, control and laboratory use — Part 2-020: Particular requirements for laboratory centrifuges” (Adopted Amendment 1:1996 to IEC 1010-2-020:1992, first edition, without modification)***C83-96 (R2005)***Communication and Power Line Hardware***CAN/CSA-C88.1-96 (R2005)***Power Transformer and Reactor Bushings***CAN/CSA-CEI/IEC 1000-1-1-97 (R2005)***Electromagnetic compatibility (EMC) — Part 1: General — Section 1: Application and interpretation of fundamental definitions and terms (Adopted CEI/IEC 1000-1-1:1992, first edition, without modification)***CAN/CSA-CEI/IEC 1000-2-1-97 (R2005)***Electromagnetic compatibility (EMC) — Part 2: Environment — Section 1: Description of the environment — Electromagnetic environment for low-frequency conducted disturbances and signalling in public power supply systems (Adopted CEI/IEC 1000-2-1:1990, first edition, without modification)*



Reaffirmed Standards (cont'd)

CAN/CSA-CEI/IEC 61000-4-27-01 (R2005)

Electromagnetic compatibility (EMC) — Part 4-27: Testing and measurement techniques — Unbalance, immunity test (Adopted CEI/IEC 61000-4-27:2000, first edition, without modification)

CAN/CSA-E335-2-4-94 (R2005)

Safety of household and similar electrical appliances — Part 2: Particular requirements for spin extractors (Adopted CEI/IEC 335-2-4:1993, fourth edition, without modification)

CAN/CSA-E335-2-61-95 (R2005)

Safety of household and similar electrical appliances — Part 2: Particular requirements for thermal storage room heaters (Adopted CEI/IEC 335-2-61:1992, first edition, without modification)

CAN/CSA-E335-2-65-95 (R2005)

Safety of household and similar electrical appliances — Part 2: Particular requirements for air-cleaning appliances (Adopted CEI/IEC 335-2-65:1993, first edition, without modification)

CAN/CSA-E335-2-66-95 (R2005)

Safety of household and similar electrical appliances — Part 2: Particular requirements for water-bed heaters (Adopted CEI/IEC 335-2-66:1993, first edition, without modification)

CAN/CSA-E60974-1-00 (R2005)

Arc welding equipment — Part 1: Welding power sources (Adopted CEI/IEC 60974-1:1998, second edition, with Canadian deviations)

Withdrawn Standards

DIR.005.1-97

List of CSA Certified Electrical Services and Equipment, Wiring Hardware and Cable Products

DIR.005.2-97

List of CSA Certified Electrically Equipped Consumer and Commercial Products

DIR.005.3-97

List of CSA Certified Electrical Equipment for Use in Hazardous Locations

DIR.005.4-97

List of CSA Certified Home and Commercial Entertainment Products

DIR.005.5-97

List of CSA Certified Lighting Equipment and Products

DIR.005.6-97

List of CSA Certified Power Supplies and Transformers

Withdrawn Standards (cont'd)

DIR.005.7-97

List of CSA Certified Business and Telecommunication Equipment

DIR.005.8-97

List of Certified Control, Regulating and Signal Equipment

DIR.005.9-97

List of CSA Certified Industrial Products

DIR.005.10-97

List of CSA Certified Wiring Devices and Related Hardware

DIR.008-97

List of CSA Accepted Adhesive-Type Labels, Label Stock Materials and Printing Systems

DIR.010-98

Component Acceptance Directory — Plastics Program (Eighteenth Edition)

DIR.014-97

List of CSA Certified Elevator Equipment

Formal Interpretations

The following interpretation regarding CSA standard C22.1-02, *Canadian Electrical Code, Part I, Safety Standard for Electrical Installation*, has been approved by the CSA Committee on CE Code, Part I.

Question 1: Does an EMT connector without an insulated throat or bushing, meet the requirements of Subrule 12-906(1)?

Answer: Yes.

Question 2: “Is drawout type equipment required to be completely drawn out for the purpose of fulfilling criteria of Rule 2-308(2) of being in “fully disconnected position”?

Answer: No.

Question 3: Is a Central Distribution Panelboard (CDP) an acceptable piece of equipment for use to subdivide the main consumer's service? Example: Supplying metered feeders to individual bays in warehouses and similar types of occupancies.

Answer: No.



Under Development

Drafts for Public Review

Please note: Public comments about draft standards, proposed amendments, proposed adoptions, and proposed endorsements listed in this issue are due by January 9, 2006.

Proposed Adoptions

For more information about the proposed adoption of the following IEC standards, contact Michael Wilson at 416-747-2532 or michael.wilson@csa.ca:

- **IEC 61010-031:2002**
Safety requirements for electrical equipment for measurement, control and laboratory use — Part 031: Safety requirements for hand-held probe assemblies for electrical measurement and test
- **IEC 61010-2-040:2005**
Safety requirements for electrical equipment for measurement, control and laboratory use — Part 2-040: Safety requirements for sterilizers and washer-disinfectors used to treat medical materials

For more information about the proposed adoption of the following IEC standards, contact John O'Neill at 416-747-4042 or john.oneill@csa.ca:

- **IEC 61000-4-4:2004**
Electromagnetic compatibility (EMC) — Part 4-4: Testing and measurement techniques — Electrical fast transient/burst immunity test
- **IEC CISPR 22:2005**
Information technology equipment — Radio disturbance characteristics — Limits and methods of measurement

For more information about the proposed adoption of the following IEC standards, contact David Hulford at 416-747-2740 or david.hulford@csa.ca:

- **IEC 60598-1:2003**
Luminaires — Part 1: General requirements and tests
- **IEC 60598-2-3:2002**
Luminaires — Part 2-3: Particular requirements for road and street lighting
- **IEC 60598-2-10:2003**
Luminaires — Part 2-10: Particular requirements — Portable luminaires for children
- **IEC 60691:2002**
Thermal links — Requirements and application guide
- **IEC 60730-2-9-am2:2004**
Automatic electrical controls for household and similar use — Part 2: Particular requirements for temperature sensing controls — Amendment 2

Drafts for Public Review (cont'd)

Proposed Adoptions (cont'd)

- **IEC 60730-2-12:2005**
Automatic electrical controls for household and similar use — Part 2: Particular requirements for electrically operated door locks
- **IEC 60730-2-13:2001**
Automatic electrical controls for household and similar use — Part 2: Particular requirements for humidity sensing controls
- **IEC 60730-2-14:2001**
Automatic electrical controls for household and similar use — Part 2: Particular requirements for electric actuators
- **IEC 60730-2-19:2001**
Automatic electrical controls for household and similar use — Part 2: Particular requirements for electrically operated oil valves, including mechanical requirements
- **IEC 61558-1:2005**
Safety of power transformers, power supply units and similar — Part 1: General requirements and tests

Certification and Testing (CSA International)

Informs Notices

Date	Subject	Title
September 30, 2005	Introduction of new certification service to the requirements of CAN/CSA C22.2 No. 61010-2 Series Standards.	Measurement, Control and Laboratory Equipment No. 6

Certification Notices

Please note: ► Notices marked with an arrowhead are new in this issue.

Effective Date	Subject	Title
November 15, 2005	Publication of the fourth edition of CSA standard C22.2 No. 65, <i>Wire Connectors</i> .	Wiring Devices No. 25
January 16, 2006	Publication of the second edition of CSA standard C22.2 No. 188-04, <i>Splicing Wire Connectors</i> .	Wiring Devices No. 36
February 15, 2006	Publication of CSA standard C22.2 No. 236-05, <i>Heating and Cooling Equipment</i> .	Heating and Cooling Equipment No. 5

**Certification Notices (cont'd)**

Effective Date	Subject	Title
March 26, 2006	Publication of the ninth edition of UL 197, <i>Commercial Electric Cooking Appliances</i> , with a new effective date. (Supersedes Appliances No. 6, dated November 30, 2004.)	Appliances No. 6A
March 31, 2006	Publication of Update No. 2 to CSA standard C22.2 No. 214-02, <i>Communications Cables</i> .	Wire and Cable No. 117
April 7, 2006	Extension of the effective date specified in Wire and Cable No. 105.	Wire and Cable No. 105A
May 24, 2006	Publication of amendments to CSA standard C22.2 No. 112-97/UL 2158, <i>Electric Clothes Dryers</i> , with a new effective date. (Supersedes Appliances No. 3, dated June 4, 2004.)	Appliances No. 3A
June 1, 2006	Publication of amendments to UL standard 1059, <i>Terminal Blocks</i> . Major changes include the method of conducting temperature tests.	Wiring Devices No. 40
June 2, 2006	Publication of Technical Information Letter No. H-18, covering interim certification requirements for burner controls incorporating programmable logic. These requirements supplement those of C22.2 No. 199 and C22.2 No. 0.8.	Signal Sensing and Controls No. 3
▶ July 28, 2006	Publication of CSA standard C22.2 No. 14-05, <i>Industrial Control Equipment</i> .	Industrial Control Equipment No. 17
▶ July 31, 2006	Publication of Technical Information Letter No. D-29, providing interim certification requirements for disconnect switches incorporating button contacts.	Switches No. 9
August 1, 2006	Publication of CSA standard C22.2 No. 227.3-05, <i>Nonmetallic Mechanical Protection Tubing (NMPT)</i> (bi-national standard with UL 1696).	Conduit No. 16
▶ August 31, 2006	Publication of Technical Information Letter No. C-39, providing interim certification requirements for cord-connected, portable deep fat fryers, cooker/fryers, frying pans and similar appliances.	Appliances No. 11
▶ September 1, 2006	Publication of Technical Information Letter No. G-48, providing interim certification requirements for clothes dryer booster fans.	Fans and Ventilators No. 6
October 31, 2006	Publication of CSA standard C22.2 No. 42.1-00, <i>Cover Plates for Flush-Mounted Wiring Devices</i> (Bi-national standard with UL 514D).	Wiring Devices No. 39

Certification Notices (cont'd)

Effective Date	Subject	Title
November 1, 2006	A new effective date for the sixth edition of CSA standard C22.2 No. 100-04, <i>Motors and Generators</i> . (Supersedes Motors and Generators No. 4.)	Motors and Generators No. 5
December 16, 2006	Publication of amendments to CSA standard C22.2 No. 169-97/UL 2157, <i>Electric Clothes Washing Machines and Extractors</i> , with a new effective date. (Supersedes Appliances No. 4, dated January 31, 2005.)	Appliances No. 4A
March 30, 2007	Publication of Technical Information Letter No. A-32, proving interim certification requirements for outdoor portable multiple-receptacle extension boxes.	Wiring Devices No. 41
June 1, 2007	Publication of amendments to CSA standard CAN/CSA-C22.2 No. 60745-1-04, <i>Hand-held motor-operated electric tools — Safety — Part 1: General requirements</i> (bi-national standard, with UL 60745-1), and four new CAN/CSA-60745 Part 2-05 standards, covering concrete vibrators, strapping tools, band saws, and drain cleaners.	Electrical Tools No. 16
August 31, 2007	Publication of CSA standard C22.2 No. 38-05, <i>Thermosetting Insulated Wires and Cables</i> , and Technical Information Letter No. J-35, covering additional certification requirements (Heat Deformation Test).	Wire and Cable No. 118
December 31, 2008	Publication of the third edition of CSA standard C22.2 No. 130-03, <i>Requirements for Electrical Resistance Heating Cables and Heating Device Sets</i> .	Wiring Devices No. 37
June 1, 2010	Publication of CSA standards CAN/CSA-C22.2 No. 60745-1-04 and CAN/CSA-C22.2 No. 60745-2-04 (bi-national standards with UL 60745-1 and associated Part 2 series standards).	Electrical Tools No. 15