



Electrical/Electronics

New Standards & Editions

Note: All of the new standards and editions in the Electrical program are designed to be used in accordance with the rules of the *Canadian Electrical Code, Part I*.

C22.2 No. 27-00, 5th edition
(Tri-national standard with UL 857, 12th edition, and the 2nd edition of NMX-J-148-ANCE)
Busways \$335

This standard applies to service-entrance, feeder, and branch-circuit busways and associated fittings rated at 600 V or less, 6 000 A or less. The requirements do not apply to metal-enclosed busways intended for connecting switchgear assemblies for use in prefabricated electric distribution systems.

In this standard, a busway is considered to be a grounded metal enclosure containing factory-mounted conductors that are usually copper or aluminum bars, rods, or tubes.

C22.2 No. 111-00, 3rd edition
(Bi-national standard, with UL 20, 12th edition)
General-Use Snap Switches \$50

This standard applies to manually operated, general-use snap switches for connection to copper or copper-clad conductors, and intended for connection to wiring systems recognized by the *National Electrical Code* or the *Canadian Electrical Code, Part I*. In Canada, requirements for switches for connection to aluminum conductors are covered in Appendix B.

This standard applies to ac/dc rated switches with load ratings not greater than 60 A at 250 V or less, 30 A at 251 V–600 V, and 2 hp at 125 V–600 V or less. This standard also covers ac-only rated switches with load ratings not greater than 30 A at 347 Vac or less.

C22.2 No. 179-00, 3rd edition
Airport Series Lighting Cables \$50

This standard applies to airport series lighting cables (Type ASLC) intended for use above and below ground in dry or wet locations, at a nominal voltage of 5000 V and a maximum temperature rating of 90°C.

CAN/CSA-C22.2 No. 60950-00, 3rd edition
(Bi-national standard, with UL 60950)
Safety of Information Technology Equipment \$195

This standard applies to mains-powered or battery-powered information technology equipment, including electrical business equipment and associated equipment, with a rated voltage not exceeding 600 V.

It also applies to information technology equipment connected directly to a telecommunication network, regardless of the source of power, and to information technology equipment designed to use the ac mains supply as a telecommunication transmission medium.

This standard's objective is to reduce risks of fire, electric shock or injury for the operator and layperson who may come into contact with the equipment and, where specifically stated, for service personnel.

Proposed Adoption of Standards

For information about the proposed adoption of the following IEC standard, contact John O'Neill at (416) 747-4042 or john.oneill@csa-international.org:

- **IEC 61000-4-27**
Electromagnetic Compatibility (EMC)—Part 4-27: Testing and Measurement Techniques—Unbalance, Immunity Test

Reaffirmed Standards

C22.2 No. 74-96 (R2000)
Equipment for Use with Electric Discharge Lamps

CAN/CSA-C22.2 No. 114-M90 (R2000)
Diagnostic Imaging and Radiation Therapy Equipment

C22.2 No. 142-M1987 (R2000)
Process Control Equipment

C22.2 No. 229-M1988 (R2000)
Switching and Metering Centres



Informs Notices (Bulletins from CSA Certification and Testing)

Date	Subject	Title
December 1, 2000	Amendment of CSA standard C22.2 No. 38-95, <i>Thermoset Insulated Wires and Cables</i> .	Wire and Cable No. 90
December 8, 2000	Amendments to CSA standard C22.2 No. 8-M1986 (R1992), <i>Electromagnetic Interference (EMI) Filters</i> .	EMI Filters No. 2

Certification Notices

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

Effective Date	Subject	Title
► Immediately	Publication of Technical Information Letter (TIL) No. A-27, covering interim certification requirements for metal cable tray systems.	Wiring Devices No. 20
July 31, 2001	Publication of Technical Information Letter (TIL) No. A-26, covering interim certification requirements for surface raceway systems rated 300 V and greater.	Wiring Devices No. 19
August 31, 2001	Publication of TIL No. N-31, covering interim certification requirements for cord flexing test in portable appliances. (Supersedes Certification Notice "Vacuum Cleaners and Blower Cleaners No. 7.")	Vacuum Cleaners and Blower Cleaners No. 7A
November 30, 2001	Publication of TIL No. B-58B, covering interim certification requirements for landscape lighting systems. (Supersedes "Lighting Products No. 18A.")	Lighting Products No. 34
June 1, 2002	Publication of CAN/CSA-C22.2 No. 745-1 and -2 (<i>Portable Electric Tools</i>), and CAN/CSA-C22.2 No. 745-3 and -4 (<i>Portable Battery-Operated Tools</i>).	Electrical Tools No. 6



Status of CSA Standards Projects

TYPE: ns *new standard*; ne *new edition*; spec *special publication*; p *preliminary standard*.

STATUS: 1 *The project is under initial evaluation.*

2 *The technical content is being drafted.*

3 *The draft is undergoing an internal quality audit by CSA.*

4 *The publication is being processed for formal letter-ballot approval.*

5 *The approved publication will be for sale within 2–3 months.*

H *The publication is on hold.*

C *The publication has been cancelled. It will be removed from the next status report.*

SUBJECT	NUMBER	TYPE	STATUS
Wiring Products			
Test Methods for Electrical Wires and Cables	C22.2 No. 0.3	ne	4
Lampholders	C22.2 No. 43	ne	1
Non-metallic Surface Raceways	C22.2 No. 62.1	ns	3
Thermoplastic-Insulated Wires and Cables (Tri-national standard)	C22.2 No. 75	ne	3
Non-metallic Cable Tray Systems	C22.2 No. 126.2	ns	3
Type TECK 90 Cable	C22.2 No. 131	ne	1
Plugs, Receptacles and Cable Connectors of the Pin and Sleeve Type	C22.2 No. 182.1	ne	3
Flexible Non-metallic Tubing	C22.2 No. 227.3	ne	1
Industrial Products			
Enclosed Switches	C22.2 No. 4	ne	1
Moulded Circuit Breakers	C22.2 No. 5.1	ne	4
Busways	C22.2 No. 27	ne	4
Panelboards and Enclosed Panelboards	C22.2 No. 29	ne	3
Switchgear Assemblies	C22.2 No. 31	ne	H
General Use Power Supplies	C22.2 No. 107.1	ne	3
Battery Chargers	C22.2 No. 107.2	ne	3
Safety of Uninterruptible Power Supplies (UPS)–Part 1	C22.2 No. 107.3	ns	3
Liquid Pumps	C22.2 No. 108	ne	4
Ground Fault Circuit Interrupters	C22.2 No. 144	ne	1
Switchboards	C22.2 No. 244	ns	1
Consumer and Commercial Products			
Landscape Lighting	C22.2 No. 9.1	ns	H
Portable Luminaires	C22.2 No. 9.12	ne	1
Christmas Tree and other Decorative Lighting Outfits	C22.2 No. 37	ne	1
Household Refrigerators and Freezers	C22.2 No. 63	ne	1
Humidifiers	C22.2 No. 104	ne	3
Fans and Ventilators	C22.2 No. 113	ne	3
Electrostatic Air Cleaners	C22.2 No. 187	ne	1
Radiant Space Heating Panels, Panel Sets, and Systems	C22.2 No. 217	ne	H
Safety of Household and Similar Electrical Appliances–			
–Particular Requirements for Battery Chargers	E335-2-29	ne	4
–Particular Requirements for Motor-Compressors	E335-2-34	ne	4
CE Code, Part III – Outside Wiring			
Overhead Systems	C22.3 No. 1	ne	4