

PART 1 - GENERAL

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| <u>1.1 SECTION INCLUDES</u> | .1 | Switches, receptacles, wiring devices, cover plates and their installation. |
| <u>1.2 RELATED SECTIONS</u> | .1 | Section 26 05 00 - Common Work Results - Electrical. |
| <u>1.3 REFERENCES</u> | .1 | Canadian Standards Association (CSA International) .1 CSA-C22.2 No.42-99(R2002), General Use Receptacles, Attachment Plugs and Similar Devices. .2 CSA-C22.2 No.42.1-00, Cover Plates for Flush-Mounted Wiring Devices (Bi-national standard, with UL 514D). .3 CSA-C22.2 No.55-M1986(July 2001), Special Use Switches. .4 CSA-C22.2 No.111-00, General-Use Snap Switches (Bi-national standard, with UL 20, twelfth edition). |
| <u>1.4 SHOP DRAWINGS AND PRODUCT DATA</u> | .1 | Submit shop drawings and product data. |

PART 2 - PRODUCTS

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| <u>2.1 SWITCHES</u> | .1 | 15 A, 120 V, single pole, three-way or four-wayswitches to: CSA-C22.2 No.55 and CSA-C22.2 No.111. |
| | .2 | Manually-operated general purpose ac switches with following features: .1 Terminal holes approved for No. 10 AWG wire. .2 Silver alloy contacts. .3 Urea or melamine moulding for parts subject to carbon tracking. .4 Suitable for back and side wiring. .5 Brown toggle. |
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2.1 SWITCHES
(Cont'd)

- .3 Toggle operated locking fully rated for tungsten filament and fluorescent lamps, and up to 80% of rated capacity of motor loads.
- .4 Switches of one manufacturer throughout project.

2.2 RECEPTACLES

- .1 Duplex receptacles, CSA type 5-15 R, 125 V, 15 A, U ground, to: CSA-C22.2 No.42 with following features:
 - .1 Brown urea moulded housing.
 - .2 Suitable for No. 10 AWG for back and side wiring.
 - .3 Break-off links for use as split receptacles.
 - .4 Eight back wired entrances, four side wiring screws.
 - .5 Triple wipe contacts and rivetted grounding contacts.
- .2 Other receptacles with ampacity and voltage as indicated.
- .3 Receptacles of one manufacturer throughout project.
- .4 Class "A" ground-fault protection, where indicated.
- .5 Standard of Acceptance:
 - .1 Receptacle type 1: CSA config. 5-15R duplex.
 - .2 Receptacle type 2: CSA config. 5-15R duplex with class "A" ground fault protection.

2.3 COVER PLATES

- .1 Cover plates for wiring devices to: CSA-C22.2 No.42.1.
 - .2 Cover plates from one manufacturer throughout project.
 - .3 Sheet steel utility box cover for wiring devices installed in surface-mounted utility boxes.
 - .4 Stainless steel, 1 mm thick cover plates for wiring devices mounted in flush-mounted outlet box.
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- 2.3 COVER PLATES .5 Sheet metal cover plates for wiring devices
 (Cont'd)
- .6 Weatherproof double lift spring-loaded cast
 aluminum cover plates, complete with gaskets
 for duplex receptacles as indicated.
- .7 Weatherproof spring-loaded cast aluminum
 cover plates complete with gaskets for single
 receptacles or switches.

PART 3 - EXECUTION

- 3.1 INSTALLATION .1 Switches:
- .1 Install single throw switches with
 handle in "UP" position when switch closed.
- .2 Install switches in gang type outlet box
 when more than one switch is required in one
 location.
- .3 Mount toggle switches at height in
 accordance with Section 26 05 00 - Common Work
 Results - Electrical as indicated.
- .2 Receptacles:
- .1 Install receptacles in gang type outlet
 box when more than one receptacle is required
 in one location.
- .2 Mount receptacles at height in
 accordance with Section 26 05 00 - Common Work
 Results - Electrical as indicated.
- .3 Where split receptacle has one portion
 switched, mount vertically and switch upper
 portion.
- .3 Cover plates:
- .1 Protect stainless steel cover plate
 finish with paper or plastic film until
 painting and other work is finished.
- .2 Install suitable common cover plates
 where wiring devices are grouped.
- .3 Do not use cover plates meant for flush
 outlet boxes on surface-mounted boxes.