

## PART 1 - GENERAL

1.1 Section Includes .1 Switches, receptacles, wiring devices, cover plates and their installation.

1.2 Related Sections .1 Section 01 33 00 - Submittal Procedures.  
 .2 Section 26 05 00 - Common Work Results-Electrical.

1.3 References .1 Canadian Standards Association(CSA)  
 .2 CSA-C22.2 No.42, General Use Receptacles, Attachment Plugs and Similar Devices.  
 .3 CSA-C22.2 No.42.1, Cover Plates for Flush-Mounted Wiring Devices(Bi-National standard, with UL 514D).  
 .4 CSA-C22.2 No.55, Special Use Switches.  
 .5 CSA-C22.2 No.111, General-Use Snap Switches(Bi-national standard, with UL 20, twelfth edition).

## PART 2 - PRODUCTS

2.1 Switches .1 15 A, 120 V, single pole, double pole, three-way, four-way switches as indicated 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 molding for parts subject to carbon tracking.
  - .4 Suitable for back and side wiring.
  - .5 Ivory toggle.
  - .6 Specification grade.
  - .7 Hospital grade as indicated.
- .3 Toggle operated 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.
- .5 Acceptable materials:
  - .1 Hubbel HBL 1201 W,
  - .2 Leviton 1201-2W,
  - .3 Pass and Seymour.

## 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 Ivory thermoplastic molded 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.
  - .6 Specification Grade.
  - .7 Hospital grade as indicated.
- .2 Single receptacles CSA type 5-15 R, 125 V, 15 A, U ground with following features:
  - .1 Ivory thermoplastic molded housing.

.2 Suitable for No. 10 AWG for back and side wiring.

.3 Four back wired entrances, 2 side wiring screws.

.3 Other receptacles with ampacity and voltage as indicated.

.4 Receptacles of one manufacturer throughout project.

.5 Acceptable Products:

.1 Hubbel 5262-W,

.2 Leviton 5262-W,

.3 Pass and Seymour 5262-W.

### 2.3 Special Wiring Devices

.1 Special wiring devices:

.1 Clock hanger outlets, 15 A, 125 V, 3 wire, grounding type, suitable for No. 10 AWG for installation in flush outlet box.

.2 Pilot lights as indicated, with neon type 0.04 W, 125 V lamp and red plastic jewel lense, flush type.

### 2.4 Wiring Devices for Computer Rooms

.1 As indicated.

### 2.5 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 Nylon ivory or stainless steel cover plates as

indicated, thickness 2.5 mm for wiring devices mounted in flush-mounted outlet box.

- .5 Sheet metal cover plates for wiring devices mounted in surface-mounted FS or FD type conduit boxes.
- .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 specified in Section 26 05 00 - Common Work Results-Electrical.
- .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.
  - .3 Where split receptacle has one portion switched, mount vertically and switch upper portion.
- .3 Cover plates:
  - .1 Protect cover plate finish with paper or plastic film until painting and other work is

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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.