



### .1 General Information

- .1 Switches, receptacles, wiring devices, cover plates and their installation is covered under this section.
- .2 In general, wiring devices are to be specification grade throughout with the exception of residential buildings where residential grade devices are acceptable.

### .2 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 terminal holes approved for No. 10 AWG wire, silver alloy contacts, urea or melamine moulding for parts subject to carbon tracking, suitable for back and side wiring and white toggle.
- .3 Toggle operated fully rated for tungsten filament and fluorescent lamps, and up to 80% of rated capacity of motor loads.

### .3 Receptacles

- .1 Provide a minimum of one general purpose maintenance receptacle outlet at 15m intervals in corridors and common spaces. Outlets are to be CSA 5-20RA type fed from 20A-1P branch circuit breakers. Feed no more than eight (8) general maintenance outlets from a single branch circuit.
- .2 Duplex receptacles, CSA type 5-15 R, 125 V, 15 A, U ground, to: CSA-C22.2 No.42 with white urea moulded housing, suitable for No. 10 AWG for back and side wiring, break-off links for use as split receptacles, eight back wired entrances, four side wiring screws, and triple wipe contacts and rivetted grounding contacts.
- .3 Duplex receptacles in corridors and for general maintenance, CSA type 5-20 RA, 125 V, 15 A, U ground, t-slot, to: CSA-C22.2 No.42 with white urea moulded housing, suitable for No. 10 AWG for back and side wiring, break-off links for use as split receptacles, eight back wired entrances, four side wiring screws.
- .4 Triple wipe contacts and rivetted grounding contacts. Single receptacles CSA type 5-15 R, 125 V, 15 A, U ground with white urea moulded housing, suitable for No. 10 AWG for back and side wiring, and four back wired entrances, 2 side wiring screws.
- .5 Other receptacles with ampacity and voltage different from those above shall be compatible with equipment being served.
- .6 Clock hanger outlets, 15 A, 125 V, 3 wire, grounding type, suitable for No. 10 AWG for installation in flush outlet box.

### .4 Cover Plates

- .1 Cover plates for wiring devices to: CSA-C22.2 No.42.1.
- .2 Sheet steel utility box cover for wiring devices installed in surface-mounted utility boxes.
- .3 Stainless steel, vertically brushed, 1 mm thick cover plates cover plates, thickness 2.5 mm for wiring devices mounted in flush-mounted outlet box.
- .4 Sheet metal cover plates for wiring devices mounted in surface-mounted FS or FD type conduit boxes.
- .5 Weatherproof double lift spring-loaded cast aluminum cover plates, complete with gaskets for duplex receptacles as indicated.
- .6 Weatherproof spring-loaded cast aluminum cover plates complete with gaskets for single receptacles or switches.