

1. GENERAL

1.1 Work Included

- .1 Provide and connect all wiring devices for the complete installation.

2. PRODUCTS

2.1 Manufacturer

- .1 Wiring devices to be of one manufacture throughout project.
- .2 Manufacturers shall be Arrow-Hart, Crouse-Hinds, Hubbell, Bryant or Pass & Seymour.

2.2 Devices

- .1 The catalogue numbers shown below are for the particular manufacturer's series and all necessary suffixes shall be added for the requirements as stated. All devices shall be specification grade minimum and wherever possible shall be of the same manufacture.
- .2 Devices to be brown with stainless steel coverplates in all but mechanical areas unless noted otherwise. Use galvanized steel coverplates in mechanical areas and for surface mounted devices.

2.3 Switches

- .1 120-277 volt, 20 amp, single and double pole, three and four-way: As Hubbell No. 1221, 1222, 1223 and 1224.
- .2 For wet locations use the following switches: 20A, 120V single pole brown, side wired press-switch, as Hubbell #1281.
- .3 Manually - operated general purpose AC switches shall have the following features:
 - .1 Terminal holes approved by AWG #10 wire.
 - .2 Silver alloy contacts.
 - .3 Urea or melamine molding for parts subject to carbon tracking.
 - .4 Suitable for back and/or side wiring.

2.4 Receptacles

- .1 Duplex 15 ampere, 120 volt, 3 wire, ivory, U-ground, as Hubbell No. 5252, with the following features:
 - .1 Brown urea molded housing.

- .2 Suitable for #10 AWG for back and side wiring.
- .3 Eight back wired entrances, four side wiring screws.
- .4 Break-off links for use as split receptacles.
- .5 Triple wipe contacts and rivetted grounding contacts.
- .2 Duplex 15 ampere, 120 volt, 3 wire, ivory, U-ground ground fault receptacle, as Hubbell No. GF-5261.
- .3 Single 15 ampere, 120 volt, 3 wire housekeeping receptacle with stainless steel plate engraved with Housekeeping, as Hubbell No. 5262.
- .4 Floor outlets to be as Smith and Stone VIP Series or Odessey Controls Modular System c/w frames as required and receptacles and outlets as indicated.

2.5 Coverplates

- .1 Provide coverplates for all wiring devices.
- .2 Use sheet steel utility box cover for wiring devices installed in surface mounted utility boxes.
- .3 Use stainless steel 1 mm thick coverplates on all wiring devices mounted in flush-mounted outlet boxes unless otherwise specified.
- .4 Weatherproof double lift spring - loaded cast aluminum coverplates, complete with gaskets for single receptacles or switches.
- .5 Weatherproof spring - loaded cast aluminum coverplates complete with gaskets for single receptacles or switches.
- .6 Use gasketed DS cast covers on FS and FD type boxes.

3. EXECUTION

3.1 Installation

- .1 Install single throw switches with handle in the "UP" position when switch closed.
- .2 Install switches vertically in gang type outlet box when more than one switch is required in one location.
- .3 Mount switches on the latch side of the doorway as close as possible to door frame unless otherwise indicated on drawings.
- .4 Install receptacles vertically in gang type outlet box when more than one receptacle is required in one location.

WIRING DEVICES

- .5 Protect cover plate finish with paper or plastic film until all painting and other work is finished, then remove paper.
- .6 Install suitable common coverplates where wiring devices are grouped. Do not distort plates by tightening screws excessively.
- .7 Do not use coverplates meant for flush outlet boxes on surface mounted boxes.
- .8 Wherever possible, mount equipment in a straight line at a uniform mounting height, coordinated with other equipment and materials.
- .9 Mounting dimensions are to the centre of the devices. Final instructions on mounting heights shall be given by the Contract Administrator's representative at the site. The above shall be used as a guide, but shall be subject to final verification prior to installation.

END OF SECTION