

SECTION 262726 - WIRING DEVICES

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- B. This section is a Division 26 Basic Electrical Materials and Methods section and is part of each Division 26 section making reference to wiring devices specified herein.

1.02 SCOPE OF WORK

- A. The scope of work involving wiring devices is indicated by the drawings. Wiring devices as herein specified are defined as single discrete units of the electrical distribution systems which are intended to carry but not utilize electric energy.
- B. Types of electrical wiring devices in this section include the following:
 - 1. Receptacles (outlets).
 - 2. Switches.
 - 3. Wallplates.

PART 2 - PRODUCTS

2.01 RECEPTACLES

- A. General purpose duplex receptacles shall be specification grade, 2-pole, 3-wire, grounding type, rated 20 amperes, 125-volts, NEMA configuration 5-20R, Hubbell 5362, or approved equal. Where used in hotel guest rooms/dwelling units, all receptacles shall be listed for tamper-resistant, Hubbell BR20TR, or approved equal. Coordinate receptacle color with Architect.
- B. Ground fault duplex receptacles shall be specification grade, 2-pole, 3-wire grounding type, rated 20 amperes, 125 volts, NEMA configuration 5-20R, Hubbell GF-20L, or approved equal. Weather-resistant ground fault receptacles shall be listed for weather-resistant, Hubbell GFTR20, or approved equal. Where used in hotel guest rooms/dwelling units, all receptacles shall be listed tamper-resistant, Hubbell GFTR20 or approved equal. Coordinate color with the Architect.

2.02 SWITCHES

- A. Single-pole toggle switches shall be specification grade, brown in color, quiet type rated 20 amperes, 120-277 Volts, 60 Hertz, Hubbell 1221, or approved equal.
- B. Three-way toggle switches shall be specification grade, brown in color, quiet type rated 20 amperes, 120-277 Volts, 60 Hertz, Hubbell 1223, or approved equal.

- C. Four-way toggle switches shall be specification grade, brown in color, quiet type rated 20 amperes, 120-277 Volts, 60 Hertz, Hubbell 1224, or approved equal.
- D. Coordinate switch color with the Architect.

2.03 WIRING DEVICE ACCESSORIES

- A. Wallplates shall be for single wiring devices of types, sizes and with ganging and cutouts as required. Wallplates shall be 0.035 gauge thick, type 302 satin finished stainless steel.
- B. Weatherproof receptacles shall be provided with while-in-use covers and associated wallplates, cast aluminum construction, NEMA 3R rated, UL listed, and meeting OSHA lockout/tagout requirements.
- C. Weatherproof switch plates shall be minimum IP44.

PART 3 - EXECUTION

3.01 INSTALLATION OF WIRING DEVICES

- A. Install wiring devices as indicated in accordance with the applicable requirements of NEC and NECA's "Standard of Installation".
- B. Coordinate with the other trades and architectural drawings for the proper placement of all devices.
- C. Install wallplates after painting work is completed.
- D. Tighten connectors and terminals, including screws and bolts, in accordance with equipment manufacturer's published torque tightening values for wiring devices. Where manufacturer's torquing requirements are not indicated, tighten connectors and terminals to comply with tightening torques specified in UL Stds. 486A and B. Use properly calibrated and scaled torque indicating hand tool.

3.02 GROUNDING

- A. Provide an insulated equipment grounding conductor connection for all wiring devices, unless otherwise indicated. Tighten connections to comply with tightening torques specified in UL Std. 486A to assure permanent and effective ground continuity.

3.03 TESTING

- A. Prior to energizing circuitry, test wiring for electrical continuity and for short-circuits. Ensure proper polarity of connections is maintained.

END OF SECTION 262726