

SECTION 26 27 26: WIRING DEVICES

1. GENERAL

- A. Use heavy-duty, commercial specification grade type for receptacles and wiring devices
- B. Emergency Outlets: All outlets and switches connected to Emergency or Standby power circuits shall be red with red color plate
- C. Wiring Device Faceplates:
 1. Stainless steel
 2. Colored plates: unbreakable nylon
 3. Weatherproof cover plate: gasketed cast metal plate with hinged and gasketed device cover
 4. Wet locations with connected cords: gasketed, "weathertight when in use" cover plates and gasketed device cover
- D. Wiring device mounting boxes to be metallic
- E. All receptacles, within mechanical rooms, utility vaults and other wet locations, shall be GFCI type.
- F. Mounting heights for wiring devices shall be as follows, with heights to center of outlet boxes:
 1. Wall switches and dimmers - 48" Aff
 2. Wall Receptacles - 18" Aff
 3. Counter and bench receptacles – 42" Aff
- G. Receptacles:
 1. Wiring devices used for convenience receptacles shall be minimum 20-amp, 125 volt, NEMA 5-20R, heavy-duty general use rated, with back and side wiring.
 2. Duplex receptacles equipped with ground fault circuit interrupters or arc-fault circuit interrupters shall be commercial-duty, feed through type
- H. Switches:
 1. Switches used for lighting and switching of branch circuit loads shall be minimum 20-amp, 120/277 volts rated, NEMA type WD 1, Heavy-Duty AC only, general-use snap switch with back and side wiring
- I. Multi-Outlet Surface Raceway Assembly (where allowed):
 1. Size: Series 2000 minimum for "plugmold" applications; series 700 for restoration work, series 4000 for laboratory applications
 2. Manufacturers:
 - Wiremold
 - Hubbell

- J. Floor Boxes:
 - 1. Covers and floor plates to be brass or stainless steel in exposed high traffic areas; plastic allowed in conference rooms.
 - 2. Manufacturers:
 - Hubbell
- K. Label each wiring device faceplate (receptacles and switches) with source panel and circuit number; labels to be machine-labeled
- L. When more than two circuit conductors are present in an outlet box, the conductors shall be “pig-tailed” so that removal of the device at some future date does not interrupt the continuity of the remainder of the circuit.
- M. Install receptacles with grounding pole on top or to the left when looking at it
- N. Connect wiring devices using screw terminals: push-in connections are not acceptable