

SECTION 16140 – SWITCHES AND RECEPTACLES

PART 1 – GENERAL

1.1 DESCRIPTION OF WORK:

- A. Wiring devices and plates and installation.

PART 2 – PRODUCTS

2.1 DEVICES:

- A. Furnish devices shown on drawings. Catalog numbers establish a standard of quality. Equivalent devices manufactured by Hubbell, Sierra, Arrow Hart, Bryant, Leviton, General Electric or Daniel Woodhead may be used. Submit list of devices with catalog number proposed for review prior to ordering.
- B. Use ivory color, except in special areas designated by the Architect, furnish color chart to Architect for selection.
- C. Special colors selected from standard available of either white, brown, black, grey or beige. Furnish color chart.
- D. Use red color for devices on emergency power circuits.

2.2 DEVICE PLATES:

- A. Furnish devices with cover plates, .04" thick, type 302, stainless steel with brushed finish.
- B. Furnish different colors in special areas as selected from standard color line by Architect.
- C. Device plates manufactured by Sierra or Hubbell.
- D. Furnish configuration of device plates required for multi-gang installations.
- E. Furnish weatherproof devices with individual gasketed aluminum or stainless steel covers manufactured by Sierra or Hubbell.
- F. Use red color for devices connected to emergency electrical system.
- G. Engrave all device plates for devices connected to emergency electrical system with ¼" high red filled letters "Emergency".

PART 3 – EXECUTION

- A. Install receptacles with ground wire from ground screw connected to outlet box.
- B. Install devices vertical unless shown otherwise.
- C. Install receptacles with ground slot up.
- D. Furnish devices as follows:

APPROVED DEVICES	NEMA CONF.	MANUF. NO.	CATALOG
Single Receptacle	5-20R	Hubbell	5361
Single Receptacle	6-20R	Hubbell	5462 with 5464
Single Receptacle	14-20R	Hubbell	8410 with 8411C
Single Receptacle	15-20R	Hubbell	8420 with 8421
Single Receptacle	5-30R	Hubbell	9308 with 9309
Single Receptacle	6-30R	Hubbell	9330 with 9331
Single Receptacle	14-30R	Hubbell	9430A with 6 ft. rubber cord set
Single Receptacle	6-50R	Hubbell	9367 with 9368 plug
Single Receptacle	14-50R	Hubbell	9450 with rubber cord set
Single Receptacle	L5-20R	Hubbell	*23000-HG with 23004-HG
Single Receptacle	(X-Ray)	Hubbell	25605 with 25615
Duplex Receptacle	5-15R	Hubbell	5252 * 8200
Duplex Receptacle	5-20R	Hubbell	5362 * 8310
Electric Water Cooler Receptacle	5-20R	Hubbell	5361

Weatherproof Duplex Receptacle	5-15R	Hubbell	5252 with Slater 3780 CWP 8H
Tamper-Proof 5-15R Duplex Receptacle Screws	5-15TP	Hubbell	SG-62 with 7169 *HBLSG62H
GFI Duplex	5-20R	Hubbell	6F5262 * 6F8200
Double Duplex Receptacle With Single Plate S82	5-15R	Hubbell	2-(5252) *[8200]X
Floor Box with Flexible Connection To Equipment		Hubbell	B-2429-S-2425
Floor Outlet Duplex Receptacle	5-15R	Hubbell	B-2429-S-2425-SC- 3091
Floor Outlet Double Duplex Receptacle		Hubbell	B-2429-S-2425-SC- 3098-2-SS-3098-SS- 309-S-8410

Switches:

Switches, unless noted, shall be the a-c tumbler, quiet type, and rated 20A. Leviton 5611 Decora series with lighted handle in the off position or as accepted. Switches shall be fully rated for either inductive or incandescent loads and shall comply with Federal Specification W-C-596D as verified by UL, using NEMA tests WD-1, 3.02 through 3.10 and UL test 49B. Key switches shall be Leviton 1121L series.

END OF SECTION 16140