

SECTION 271543 - FACEPLATES AND MOUNTING

PART 1 - GENERAL

1.1 SUBMITTALS

- A. Product Data:
 - 1. Product Data Sheet: For each type of product.
 - 2. Finish/Color Schedule: Identifying finish and color of each type of product for the Project, coordinated with finish and color of faceplates specified in other specification Sections related to the Project, including Division 26 Electrical and Division 28 Security.

- B. Closeout Submittals:
 - 1. Product Data Sheet: For each type of product actually supplied.
 - 2. Finish/Color Schedule: Identifying the finish and color of each type of product by location on the Project.

1.2 COORDINATION

- A. Unless otherwise noted, faceplate style and colors shall match electrical devices.
 - 1. Coordinate with Electrical Contractor and Owner's Representative for faceplate style and color prior to ordering.

1.3 SYSTEM DESCRIPTION

- A. Provide faceplates for mounting wiring devices as required in the documents.
 - 1. Provide blank cover plates for all unused Telecommunications and Security rough-in boxes.
 - a. Provide for mounting of termination devices in related Sections as well as blank cover plates over boxes without immediate requirements on boxes installed for Communications and Security devices.

PART 2 - PRODUCTS

2.1 GENERAL

- A. Products furnished of each Type shall be manufactured by a single manufacturer, bear the same brand name, be the same finish color and texture, and be from the same product model series, except where otherwise indicated.

- B. Source Limitations:

1. Obtain faceplates from the same manufacturer as the modular connectors intended to be housed within the faceplate.
 - a. Faceplates or wiring device mounting frames are designed to precisely fit and hold wiring devices such as jacks and bulkhead fittings.
 - 1) Faceplates shall be from the Manufacturer of the device it is intended to hold to ensure proper fit and color.
2. Obtain modular wiring device mounting frames from the same manufacturer as the modular connectors housed within the modular device mounting frame.
 - a. Multiple manufacturer sources may be used only when specialty/custom faceplates are required and both the standard and specialty plates are not available from a single manufacturer source.
 - b. The size, shape, finish and color of faceplates furnished as work of this Section shall exactly match the appearance of faceplates furnished as work of other specification Sections of the Contract Documents. A consistent and professional appearance shall result.

2.2 FACEPLATES

A. Faceplate with Modular Jack Frame

1. Designer Style (e.g., Decora®):
 - a. Available in various configurations that shall accommodate 1, 2, 3, 4 and 6 individual modular connectors. Provide 4-port modular frame unless indicated otherwise.
 - b. Available in a variety of manufacturer standard colors, including color(s) that exactly match the corresponding faceplate used on the Project.
 - c. Provide with color-matched blank connector inserts that occupy unused openings of the frame.
 - d. Provide color(s) as scheduled in the Contract Documents.
 - e. Basis of design shall be Panduit CFG4xx
2. Cover plate
 - a. Designed for mounting over standard electrical gang-box size openings.
 - b. Available in manufacturer standard sizes ranging from 1 to 6 gangs, in 1-gang increments, to suit the size and configurations required by the Contract Documents.
 - c. Mounting holes for securing the faceplate to the device mounting box and/or the mounted device.
 - d. Manufacturer supplied metal mounting screws featuring screw heads matching the color of the faceplate. Screws shall be custom painted when matching standard color screws are not available.
 - e. Available with both Designer style (e.g., Decora®) and standard duplex style openings for accommodating mounted devices.

- 1) Size, style, and color(s) as scheduled in the Contract Documents.
 - f. Basis of design shall be Decora Leviton SG 84401-40 DG 84409-40
- B. Wall Phone Faceplate:
1. Designed for mounting over NEMA standard 1-gang electrical opening.
 2. Stainless steel plate construction.
 3. Dual mounting posts in standard positions to accommodate standard wall telephone with recess for modular jack/connector.
 4. Compatible with 8P8C RJ45 modular jacks/connectors. Provide jack.
 5. Basis of Design shall be Panduit KWP6PY
- C. Surface Mount Housing
1. Available in various configurations that shall accommodate a minimum of one (1) or two (2) individual modular connectors.
 2. Termination and housing shall be UL/NEC rated for the location, manner, and environmental conditions in which the cables are installed (plenum and non-plenum).
 3. Basis of design shall be Panduit CBXJ2x-A
- D. In-Box Mounting Bracket
1. Mounts to outlet box to provide recessed stable mounting of RJ-45 modular jack.
 2. Allows surface mounting of a device flush over the electrical box.
 3. Basis of Design shall be Leviton 49223-BA5.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Examination and Coordination:
1. If colors of product are not specifically identified in the Contract Documents, coordinate color selection with the Designer/Architect prior to procurement of product.
 2. Examine pathways before installation. Provide written report to the Architect identifying any issues with pathway rough-in that will prevent faceplates from being installed plumb, level and square to the major building lines, or flush with the building finished surface.
 3. Provide faceplates featuring the finish and color to match other faceplates installed in the surrounding visible areas, except where otherwise expressly scheduled, detailed or noted.
- B. Installation:

1. Provide faceplates over pathway boxes, box eliminators and individual device openings of multi-opening boxes (e.g., floor boxes), including those designated for future use.
2. Provide blank faceplates over openings that do not otherwise feature a device required by the Contract Documents.
3. Install faceplates flush with the finished surface over which the plate mounts.
4. Secure faceplates using screws and other mounting hardware specifically recommended by the faceplate manufacturer and the manufacturer of the device served.
5. Install faceplates so the plate is plumb, level and square.
6. Provide and tighten mounting screws.

3.2 LABELING

- A. Label faceplates and connectors.

END OF SECTION 271543