

SECTION 261330 - TERMINAL CABINETS

PART 1 - GENERAL

1.1 SCOPE

- A. Furnish materials, tools, labor, and supervision necessary to install terminal cabinets.

1.2 SUBMITTALS

- A. Shop drawings to include fabrication details with dimensional data, manufacturer's data sheets, and mounting details.

1.3 PRODUCT DELIVERY, STORAGE, AND HANDLING

- A. Handle equipment carefully to prevent internal components damage, breakage, denting, and scoring enclosure finish. Do not install damaged equipment.
- B. Store equipment in a clean, dry space and protect from dirt, fumes, water, construction debris, and physical damage.
- C. After installation, protect from damage by work of other trades.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

- A. Square D
- B. Cutler-Hammer
- C. Hoffman Engineering Company
- D. Or Approved Substitution

2.2 MATERIALS AND EQUIPMENT

- A. Cabinet Types:
 - 1. Doors with concealed hinges.
 - 2. Door locks, keyed alike with panelboards.
 - 3. Three-quarter inch plywood back. Finish with black insulating varnish or paint.
 - 4. Size as indicated on drawings or as required to accommodate terminal blocks with 10% spare capacity.
 - 5. Panelboard type trims.
 - 6. Flush or surface as indicated on drawings.
 - 7. Concealed trim tabs.

8. Code gauge galvanized steel.
9. Painted to match panelboards.
10. Baked enamel.

B. Terminal Strips:

1. Channel mounted snap-on type.
2. Individual gangable with nylon bases.
3. Tabular screw type rated at 300V to accommodate standard No. 12 wire.
4. Provide 10% spare terminals.
5. As manufactured by Square D, Buchanan, or equal.
6. Other terminal connecting strips, standoffs, etc. subject to approval upon receipt of proper submittal.

PART 3 - EXECUTION

3.1 INSPECTION

- A. Examine areas and conditions under which cabinets are to be installed and notify Engineer of conditions detrimental to proper and timely completion of work.
- B. Do not proceed with work until unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Install cabinets where shown in accordance with the manufacturer's written instructions and with recognized industry practices to ensure that they comply with requirements and serve the intended purposes. Comply with requirements of NEMA and NEC standards and applicable portions of NECA's "Standard of Installation".
- B. Wire in accordance with equipment manufacturer's printed instructions, directions, schematics, and as shown on drawings.
- C. Touch up scratched or marred surfaces to match original finish.

END OF SECTION 261330