

SECTION 26 27 16 {16131}

ELECTRICAL CABINETS AND ENCLOSURES

{CABINETS AND ENCLOSURES}

This section includes metal cabinets and enclosures used for enclosing terminal blocks and electrical devices. Hinged cover enclosures specified in this section may also be used as large pull boxes (**greater than 100 cubic inches (1600 cubic centimeters)**), and this section is referenced from Section 26 05 33 {16128}.

Manufacturers listed in this section were identified as representative and not as an endorsement for meeting this specification. For additional product information, visit 4Specs at www.4specs.com, ARCAT at www.arcata.com, First Source at www.reedfirstsource.com, SpecSource at www.specsource.com, and Sweets Network at products.construction.com.

This section includes performance, proprietary, and descriptive type specifications. Edit to avoid conflicting requirements.

Contact the CSRF Support Center at supportcenter@csrf.org to submit comments or suggestions for improvements to this specification. Visit the SPECTEXT web site at www.spectext.com for current product announcements.

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes hinged cover enclosures, cabinets, terminal blocks, and accessories.
- B. Related Sections:
 - 1. Section 26 05 26 - Grounding and Bonding for Electrical Systems.
 - 2. Section 26 05 33 - Raceway and Boxes for Electrical Systems.
 - 3. Section 27 05 33 - Conduits and Backboxes for Communications Systems.
 - 4. Section 28 05 33 - Conduits and Backboxes for Electronic Safety and Security.
- C. Related Sections:
 - 1. Section 16060 - Grounding and Bonding for Electrical Systems.
 - 2. Section 16128 - Raceway and Boxes for Electrical Systems.
 - 3. Section 16129 - Conduits and Backboxes for Communications Systems.
 - 4. Section 16130 - Conduits and Backboxes for Electronic Safety and Security.

1.2 REFERENCES

List reference standards included within text of this section. Edit the following for Project conditions.

- A. National Electrical Manufacturers Association:
 - 1. NEMA 250 - Enclosures for Electrical Equipment (1000 Volts Maximum).
 - 2. NEMA ICS 4 - Industrial Control and Systems: Terminal Blocks.

1.3 SUBMITTALS

Only request submittals needed to verify compliance with Project requirements.

- A. Section 01 33 00 - Submittal Procedures {01330 - Submittal Procedures}: Submittal procedures.
- B. Product Data: Submit manufacturer's standard data for enclosures, cabinets, and terminal blocks.
- C. Manufacturer's Installation Instructions: Submit application conditions and limitations of use stipulated by product testing agency specified under Regulatory Requirements. Include instructions for storage, handling, protection, examination, preparation, and installation of product.

1.4 QUALIFICATIONS

Include the following paragraph when manufacturer's list is not included or when substitutions are allowed and the following requirements apply.

- A. Manufacturer: Company specializing in manufacturing Products specified in this section with minimum [three] [_____] years [documented] experience.

1.5 EXTRA MATERIALS

- A. Section 01 70 00 - Execution and Closeout Requirements {01700 - Execution Requirements}: Spare parts and maintenance products.
- B. Furnish [two] [_____] of each key.