

SECTION 262200 – LOW-VOLTAGE TRANSFORMERS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:

- 1. This Section specifies the low-voltage dry transformers for buildings and structures.
- 2. Provide all labor, materials, and equipment as necessary to complete all work as indicated on the drawings, and as specified herein for a complete operating system.

- B. Related Sections:

- 1. Applicable sections of Division 26 - Electrical

1.3 SUBMITTALS

- A. Shop Drawings

- 1. Dry transformers

1.4 QUALITY ASSURANCE

- A. Comply with NEC as applicable to the installation and construction of electrical power/distribution transformers.
- B. Comply with applicable portions of NEMA Std. Pub/No.'s ST-20 and ANSI C57.12.50 pertaining to power/distribution transformers.
- C. Comply with applicable requirements of ANSI/UL 506 "Safety Standard for Specialty Transformers". Provide power/distribution transformers and components that are U.L. listed and labeled.

PART 2 - PRODUCTS

2.1 DRY TRANSFORMERS

Note information to be shown on the drawing.

- A. Transformers shall be of size and rating as noted on drawing.
- B. Transformers shall be such as manufactured by Cutler Hammer, General Electric, Siemens, or Square D.

Choose one of the following sentences.

- C. Transformer shall have 2-5% taps FCBN.
- D. Transformer shall have two 2-1/2% taps FCAN and four 2-1/2% taps FCBN.

2.2 DRY ISOLATION TRANSFORMERS

- A. Rating of isolation transformer shall be as noted and shown on drawing and have 150 degree C insulation, two 5% taps, one FCAN and one FCBN and have electrostatic shield.
- B. Transformers shall be such as manufactured by Cutler Hammer, General Electric, Siemens, or Square D.
- C. All bus way shall be Square D I-Line or approved equal.

PART 3 - EXECUTION

Not used.

END OF SECTION 262200