

PART 1 - GENERAL

- 1.1 Product Data .1 Submit product data in accordance with Section 01 33 00 -Shop Drawings and Other Submittal procedures.

PART 2 - PRODUCTS

- 2.1 Transformers .1 Design 1
- .1 Type: ANN, Delta-wye connected.
  - .1 Three phase, 50 KVA, 600V input, 60 Hz; 120/208 V output.
  - .2 Voltage taps: standard.
  - .3 Insulation: Class, 185, 115°C temperature rise.
  - .4 Basic Impulse Level (BIL): standard
  - .5 Hipot: standard
  - .6 Average sound level: 40 db
  - .7 Impedance at 170°C: standard
  - .8 Enclosure: EEMAC 1, removable metal front panel.
  - .9 Mounting: floor
  - .10 Finish: in accordance with Section 260501 Common Works Results - Electrical
- .2 Design 2
- .1 Type: ANN, Delta-wye connected.
  - .2 Three phase, 75 KVA, 600V input, 60 Hz; 120/208 V output.
  - .3 Voltage taps: standard.
  - .4 Insulation: Class, 185, 115°C temperature rise.
  - .5 Basic Impulse Level (BIL): standard
  - .6 Hipot: standard
  - .7 Average sound level: 40 db
  - .8 Impedance at 170°C: standard
  - .9 Enclosure: EEMAC 1, removable metal front panel.
  - .10 Mounting: floor
  - .11 Finish: in accordance with Section 260501 Common Works Results - Electrical
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- 2.2 Equipment Identification .1 Provide equipment identification in accordance with Section 26 05 01 - Common Works Results - Electrical.
- .2 Label size: 7.

PART 3 - EXECUTION

- 3.1 Installation .1 Ensure adequate clearance around transformer for ventilation.
- .2 The floor under the transformer and the wall immediately behind the transformer are to consist of fire rated material acceptable to the local inspection authority.
- .3 Install transformers in level upright position.
- .4 Remove shipping supports only after transformer is installed and just before putting into service.
- .5 Loosen isolation pad bolts until no compression is visible.
- .6 Make primary and secondary connections in accordance with wiring diagram.
- .7 Energize transformers after installation is complete.