

SECTION 16478 - TRANSIENT VOLTAGE SUPPRESSION

A. SUMMARY

1. Transient voltage suppression for low-voltage circuits and equipment.
2. Locate suppressors at each major bus, including service entrances, feeders, and branch-circuit distribution equipment.
3. Exposure: IEEE C62.41 high.

B. WARRANTY

1. Materials and Workmanship: Three years.

C. PRODUCTS

1. Transient Voltage Surge Suppressors: NEMA LS-1, two stage, with each stage fused.
 - a. Primary Suppression: Silicon avalanche diode.
 - b. Secondary Suppression: Metal-oxide varistor.
 - c. Protection Modes:
 - 1) Line to neutral.
 - 2) Line to line.
 - 3) Line to ground.
 - 4) Neutral to ground.
 - d. Enclosure: NEMA 250, Type 1.

END OF SECTION 16478