SECTION 26 28 13
FUSES

PART 1 - GENERAL

1.01 SUMMARY

A. Section Includes: Cartridge fuses rated 600-V ac and less for use in the control circuits, enclosed switches and enclosed controllers.

1.02 SUBMITTALS

A. Product Data: For each type of product indicated.

1.03 QUALITY ASSURANCE

A. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.

B. Comply with NEMA FU 1 for cartridge fuses.

C. Comply with NFPA 70.

D. Coordinate fuse ratings with utilization equipment nameplate limitations of maximum fuse size and with system short-circuit current levels.

1.04 EXTRA MATERIALS

A. Furnish extra materials that match products installed. Provide a set of three spare fuses for each size and type installed.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
1. Cooper Bussmann, Inc.
2. Gould-Shawmut.
3. General Electric.
4. Littlefuse.

2.02 CARTRIDGE FUSES

A. Characteristics: NEMA FU 1, non-renewable cartridge fuses, UL-listed, interrupting rating of 200,000 amperes RMS, with voltage ratings consistent with circuit voltages.

PART 3 - EXECUTION

3.01 FUSE APPLICATIONS

A. Service Entrance and Feeders over 600 amperes: Class L, dual-element, time delay current-limiting.

B. Feeders, Branch and Motor Circuits up to 600 amperes: Class RK1, dual-element, time delay current-limiting.

C. Control Circuits: Class RK1, fast acting.

3.02 INSTALLATION

A. Install fuses in fusible devices. Arrange fuses so rating information is readable without removing fuse.

B. Size individual motor circuit fuses in accordance with the actual nameplate rating of the motors.

3.03 IDENTIFICATION

A. Install labels complying with requirements for identification specified in Division 26 Section "Identification for Electrical Systems" and indicating fuse replacement information on inside door of each fused switch and adjacent to each fuse block and holder.

END OF SECTION 26 28 13