MEDIUM VOLTAGE SWITCHES

DESIGN GUIDELINES

1. Summary:
   a. This section provides guidelines and standards for Medium Voltage Switches.

2. Design
   a. Shall have the following features:
      • Silver plated copper bus
      • ANSI 49 paint
      • Glass insulators
      • Hot stick with fuse handling tool
      • Current limiting fuses or time delayed fuses as specified by engineer.
      • Spare fuses (1 per switch)
      • Hinged rear doors
      • Rear connection assembly
      • Pad lockable
      • Surge arrestor where shown or specified by engineer.
      • Construction/Trip Unit Type
      • Arc-Resistant Construction

3. Related Sections
   a. Service and Distribution
   b. Switchboards
   c. Enclosed Switches and Enclosed Circuit Breakers

EQUIPMENT and PRODUCT REQUIREMENTS

1. Medium Voltage Switches
   a. Approved Manufacturers:
      • Square D
      • Eaton Cutler Hammer

END OF SECTION