

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
 - Infrared viewing windows for inspecting cable connections (IR)
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