SECTION 16440

DISCONNECT SWITCHES

PART 1 GENERAL

1.01 SUMMARY

A. Section Includes:

1. Disconnect switches.

2. Enclosures.

1.02 REFERENCES

A. Specify Underwriters Laboratories (UL) listed equipment, assemblies and materials.

B. Where appropriate, refer to ANSI and NEMA Standards for material ratings.


1.03 SUBMITTALS

A. Require submittals under the provisions of Section 16010 - Basic Electrical Requirements and Section 01300 - Submittals.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Disconnect Switches:

1. General Electric

2. Westinghouse/Cutler Hammer

3. ITE/Siemens

4. Square D

2.02 MATERIALS

A. Disconnect Switches:

1. Fusible Switch Assemblies (NEMA KS-1):

   a. Heavy duty rated, quick-make, quick-break, load interrupter enclosed knife switch, with externally operable handle with override screw to permit opening
front cover with switch in “ON” position. Handle lockable in “OFF” position. Class R rejection fuse clips, designed to accommodate required fuses.

2. Non-Fusible Switch Assemblies: (NEMA-KS-1)

   a. Heavy duty rated, quick-make, quick-break, load interrupter enclosed knife switch, with externally operable handle with override screw to permit opening front cover with switch in “ON” position. Handle lockable in “OFF” position.

3. Enclosures:

   a. Suitable for environment in which installed; indicate on Drawings. Typically Type 1 indoors and Type 3R outdoors.

PART 3 EXECUTION

3.01 INSTALLATION

A. Specify disconnects for all motors and mechanical equipment. Locate adjacent to units per NEC.

B. Coordinate fusing of disconnects with mechanical equipment electrical characteristics.

C. Create schedule of equipment to indicate ratings of disconnects and fuses for each item of equipment.

END OF SECTION 16440