

SECTION 16170

DISCONNECT SWITCHES

PART 1 - GENERAL

1.01 WORK INCLUDED

- A. Furnish and install a suitable disconnect switch where indicated on the Drawings, or where required by the Specifications or the Code.

1.02 REFERENCE DOCUMENTS

- A. The Special Provisions for Electrical Work are hereby made a part of this Section of the Work. Refer to Section 1610.

1.03 SUBMITTALS

- A. Submit complete manufacturer's specification on each disconnect proposed to be furnished to the job.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Disconnect switches serving motor loads shall be properly NEMA rated for these motors. Disconnects shall be environmentally mentally rated for the area where located with NEMA rain-tight construction for units located outdoors.
- B. Disconnects shall be Square D Company NEMA Type HD, quick-make, quick-break. Disconnects shall be fused type where so indicated.
- C. Where shown on the Plans, Furnish and Install Class "R" rejection type Fuse clips within the Designated Device.
- D. Disconnect switches shall conform to U.L. 98-1981 and shall be so labeled.

PART 3 - EXECUTION

3.01 INSTALLATION

- A. Install disconnects for motors, controllers, transformers, electric heaters and all other devices where so indicated, specified or required by code where manual operating branch circuit protection devices are not within sight and within 50 feet of the device.

- B. Mount disconnects 48" up on walls, columns or free standing rigid steel frame unless otherwise indicated
- C. Where equipment is furnished to the job with a suitable disconnect as part of the equipment an additional disconnect will not be required to be added at the equipment.
- D. Provide proper selection and sized fuses where disconnects are indicated to be fused.

END OF SECTION