

**SECTION 26 23 10
DISCONNECT SWITCHES**

PART 1 GENERAL

1.1 WORK INCLUDED

- A. Disconnect switches
- B. Fuses
- C. Enclosures

1.2 REFERENCES

- A. UL 248-12- Class R Fuses
- B. NEMA KS 1 – Enclosed and Miscellaneous Distribution Equipment Switches (600 Volts Maximum)

1.3 SUBMITTALS

- A. Submit product data under provisions of Section 01 33 00.
- B. Include outline drawings with dimensions, and equipment ratings for voltage, capacity, horsepower, and short circuit.

PART 2 PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS - DISCONNECT SWITCHES

- A. Square D
- B. General Electric
- C. Cutler Hammer
- D. Siemens/ITE

2.2 DISCONNECT SWITCHES

- A. Fusible Switch Assemblies: Provide NEMA KS-1 Type HD quick-make, quick-break, load interrupter enclosed knife switch with externally operable handle interlocked to prevent opening front cover with switch in ON position.
 - 1. Handle lockable in OFF position, Fuse Clips
 - 2. Designed to accommodate only Class R-fuses
 - 3. Provide with fuse rejection clip
- B. Non-fusible Switch Assemblies:
 - 1. Provide NEMA KS-1 Type HD quick-make, quick-break, load interrupter enclosed knife switch with externally operable handle interlocked to prevent opening front cover with switch in ON position.
 - 2. Handle lockable in OFF position.
- C. Enclosures shall be NEMA KS-1 as indicated on Drawings.
- D. Provide ground bar kit for equipment grounding conductors.
- E. Provide neutral bar kit where neutral(s) are present in disconnect switch.

2.3 ACCEPTABLE MANUFACTURERS - FUSES

- A. Gould Shawmut
- B. Bussmann
- C. Reliance Fuse
- D. Substitutions: Under provisions of Section 01 60 00
- E. Little Fuse

2.4 FUSES

- A. Fuses 600 Amperes and Lower, use Class RK1 or RK5 and keep dual element, current limiting, and time delay one-time fuse, of 250 or 600 volt.

The School District of Palm Beach County

Project Name:

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- B. Interrupting Rating shall be minimum 200,000 rms amperes.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Install disconnect switches where indicated on Drawings.
- B. Install fuses in fusible disconnect switches.

END OF SECTION