

SECTION 262816  
ENCLOSED SWITCHES

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Fusible switches.
- B. Nonfusible switches.
- C. Manual motor switches.

1.2 RELATED SECTIONS

- A. Section 26 28 13 - Fuses.

1.3 REFERENCES

- A. NECA - Standard of Installation (published by the National Electrical Contractors Association).
- B. NEMA FU1 - Low Voltage Cartridge Fuses.
- C. NEMA KS1 - Enclosed and Miscellaneous Distribution Equipment Switches (600 Volts Maximum).
- D. NETA ATS - Acceptance Testing Specifications for Electrical Power Distribution Equipment and Systems (published by the International Electrical Testing Association).
- E. NFPA 70 - National Electrical Code.

1.4 SUBMITTALS FOR REVIEW

- A. Division 01 - Submittals: Procedures for submittals.
- B. Product Data: Provide switch ratings and enclosure dimensions.

1.5 SUBMITTALS FOR CLOSEOUT

- A. Division 01 - Submittals for project closeout.
- B. Record actual locations of enclosed switches in project record documents.

1.6 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing the Products specified in this section with a minimum of three (3) years' documented experience.

1.7 REGULATORY REQUIREMENTS

- A. Conform to requirements of NFPA 70.
- B. Products: Listed and classified by Underwriters Laboratories, Inc.

## PART 2 PRODUCTS

### 2.1 MANUFACTURERS

- A. Division 01 - Material and Equipment: Product options and substitutions.
- B. Square D.
- C. General Electric.
- D. Siemens.
- E. Eaton.
- F. Substitutions: Not Permitted.

### 2.2 FUSIBLE SWITCH ASSEMBLIES

- A. Description: NEMA KS 1, Type HD, enclosed load interrupter knife switch. Handle lockable in OFF position.
- B. Fuse clips: Designed to accommodate NEMA FU1, Class R and/or Class J fuses.

### 2.3 NONFUSIBLE SWITCH ASSEMBLIES

- A. Description: NEMA KS 1, Type HD enclosed load interrupter knife switch. Handle lockable in OFF position.

### 2.4 MANUAL MOTOR STARTERS

- A. Description: Manual motor starting switches complete with thermal overload protection sized to match motor horsepower.

### 2.5 ENCLOSURES

- A. Fabrication: NEMA KS 1.
  - 1. Interior Dry Locations: Type 1.
  - 2. Exterior Locations: Type 3R.

## PART 3 EXECUTION

### 3.1 INSTALLATION

- A. Install in accordance with NECA "Standard of Installation".
- B. Install fuses in fusible disconnect switches, sized as per nameplate data of equipment served.
- C. Apply adhesive tag on inside door of each fused switch indicating NEMA fuse class and size installed.

### 3.2 FIELD QUALITY CONTROL

- A. Division 01 - Field inspection, testing, and adjusting.
- B. Inspect and test in accordance with NETA ATS, except Section 4.

- C. Perform inspections and tests listed in NETA ATS, Section 7.5.

END OF SECTION