PART 1 - GENERAL

1.01 SECTION INCLUDES

1. General Purpose Contactors
2. Lighting Contactors

1.02 REFERENCES

1. ANSI/NEMA ICS 6—Enclosures for Industrial Controls and Systems
2. NEMA ICS 2—Industrial Control Devices, Controllers, and Assemblies
3. ANSI/NFPA 70—National Electrical Code

1.03 SUBMITTALS

A. Submit under provisions of Division 01.

B. Product Data: Include dimensions, size, voltage ratings, and current ratings.

C. Manufacturer's Instructions: Indicate application conditions and limitations of use stipulated by product testing agency specified under Regulatory Requirements.

1.04 PROJECT RECORD DOCUMENTS

A. Submit under provisions of Division 01.

B. Accurately record actual locations of each contactor and indicate circuits controlled.

1.05 OPERATION AND MAINTENANCE DATA

A. Submit under provisions of Division 01.

B. Maintenance Data: Include instructions for replacing and maintaining coil and contacts.

1.06 QUALIFICATIONS

Manufacturer: Company specializing in manufacturing products specified in this Section with minimum three years’ experience.

PART 2 - PRODUCTS

2.01 MANUFACTURERS - GENERAL PURPOSE CONTACTORS

1. Square D
2. Cutler Hammer
3. Siemens
4. General Electric
5. Substitutions: Under provisions of Division 01

2.02 GENERAL PURPOSE CONTACTORS

1. Description: NEMA ICS 2, AC general purpose magnetic contactor
2. Coil Voltage: 120 volts, 60 Hertz
3. Poles: As scheduled
4. Size: As scheduled
5. Enclosure: ANSI/NEMA ICS 6, Type as required to meet conditions of installation

2.03 MANUFACTURERS - LIGHTING CONTACTORS

1. Square D
2. Cutler Hammer
3. Siemens
4. General Electric
5. Substitutions: Under provisions of Division 01

2.04 LIGHTING CONTACTORS

1. Description: NEMA ICS 2, magnetic lighting contactor
2. Configuration: Mechanically or electrical held, verify with drawings
3. Coil Voltage: 120 or 277 volts, 60 Hertz
4. Poles: As indicated
5. Contact Rating: Match branch circuit overcurrent protection, considering derating for continuous loads
6. Enclosure: ANSI/NEMA ICS 6; type as required to meet conditions of installation

PART 3 - EXECUTION

3.01 INSTALLATION

A. Install in accordance with manufacturer's instructions in a readily accessible location per NEC 110-26.

B. Where acceptable/possible, all contactors, excluding lighting contactors, are to be installed in the Electrical Room, where served from, adjacent to electrical panelboards.

**END OF SECTION**