

**Part 1            General**

**1.1                RELATED SECTIONS**

- .1    Division 01 – General Requirements.
- .2    Section 26 05 01 – Common Work Results – Electrical.

**1.2                SUBMITTALS**

- .1    Submit Shop Drawings in accordance with Section 26 05 01 – Common Work Results – Electrical.
- .2    Shop Drawings shall indicate:
  - .1    Mounting method and dimensions.
  - .2    Starter size and type.
  - .3    Layout of identified internal and front panel components.
  - .4    Enclosure types.
  - .5    Wiring diagram for each type of starter.
  - .6    Interconnection diagrams.

**1.3                OPERATION AND MAINTENANCE DATA**

- .1    Provide operation and maintenance data for motor starters for incorporation into Operation and Maintenance Manual specified in Division 01- General Requirements.
- .2    Include operation and maintenance data for each type and size of starter.

**Part 2            Products**

**2.1                MATERIALS**

- .1    Starters: NEMA Type.
- .2    Half size starters not acceptable.
- .3    I.E.C. rated starters not acceptable.

**2.2                MANUAL MOTOR STARTERS**

- .1    Single phase manual motor starters of size, type, rating, and enclosure type as indicated, with components as follows:
  - .1    Switching mechanism, quick make and break.
  - .2    One overload heater, manual reset, trip indicating handle.
- .2    Accessories:
  - .1    Toggle switch: standard.
  - .2    Indicating light: standard, red in color.
  - .3    Locking tab to permit padlocking in "ON" or "OFF" position.

### **2.3 EQUIPMENT IDENTIFICATION**

- .1 Provide equipment identification in accordance with Section 26 05 01 - Common Work Results - Electrical.
- .2 Manual starter designation label, white face, black core (normal), size 1, engraved as indicated.

### **Part 3 Execution**

#### **3.1 MANUFACTURER'S INSTRUCTIONS**

- .1 Compliance: comply with manufacturer's written recommendations or specifications, including product technical bulletins, handling, storage and installation instructions, and datasheets.

#### **3.2 INSTALLATION**

- .1 Install starters, connect power and control as indicated.
- .2 Ensure correct fuses and overload device elements installed.
- .3 Install manual starters recessed where possible.

#### **3.3 TESTS**

- .1 Perform tests in accordance with Section 26 05 01 - Common Work Results - Electrical and manufacturer's instructions.
- .2 Operate switches and contactors to verify correct functioning.
- .3 Perform starting and stopping sequences of contactors and relays.
- .4 Check that sequence controls, interlocking with other separate related starters, equipment, control devices, operate as indicated.

END OF SECTION