

**PART 1**      **GENERAL**

**1.1**            **SECTION INCLUDES**

- .1      Materials and installation for contactors for system voltage up to 600 V.

**1.2**            **RELATED REQUIREMENTS**

- .1      Section 01 33 00 - Submittal Procedures.
- .2      Section 01 74 21 – Construction/Demolition Waste Management And Disposal.
- .3      Section 26 05 00 – Common Work Results - Electrical.
- .4      Section 26 29 03 - Control Devices.

**1.3**            **REFERENCES**

- .1      Canadian Standards Association (CSA International)
  - .1      CSA C22.2 No.14, Industrial Control Equipment.

**1.4**            **PRODUCT DATA**

- .1      Submit product data in accordance with Section 01 33 00 - Submittal Procedures.

**1.5**            **WASTE MANAGEMENT AND DISPOSAL**

- .1      Separate and recycle waste materials in accordance with Section 01 74 21 - Construction/Demolition Waste Management And Disposal.
- .2      Separate and recycle waste materials in accordance with Section 01 74 21 - Construction/Demolition Waste Management And Disposal.
- .3      Collect and separate for disposal paper, plastic, polystyrene, corrugated cardboard packaging material in appropriate on-site bins for recycling in accordance with Waste Management Plan.
- .4      Divert unused metal and wiring materials from landfill to metal recycling facility as approved by Department Representative.

**PART 2**      **PRODUCTS**

**2.1**            **CONTACTORS**

- .1      Contactors: to CSA C22.2 No.14.

- .2 Electrically held Permanent magnet latch type Mechanically held controlled by pilot devices as indicated and rated for type of load controlled. Half size contactors not accepted.
- .3 Breaker Fused switch combination contactor as indicated.
- .4 Complete with 2 normally open and 2 normally closed auxiliary contacts unless indicated otherwise.
- .5 Mount in CSA Enclosure 1 unless otherwise indicated.
- .6 Include following options in cover:
  - .1 Red indicating lamp.
  - .2 Hand-Off-Auto selector switch.
- .7 Control transformer: in accordance with Section 26 29 03 - Control Devices, in contactor enclosure.

## **2.2 EQUIPMENT IDENTIFICATION**

- .1 Provide equipment identification in accordance with Section 26 05 00 – Common Work Results - Electrical.
- .2 Size 4 nameplate indicating name of load controlled as indicated with Lamacoid Type Label.

## **PART 3 EXECUTION**

### **3.1 INSTALLATION**

- .1 Install contactors and connect auxiliary control devices.

**END OF SECTION**