

PART 1 - General

1.1 SECTION INCLUDES

- .1 Equipment, fabrication and installation for ground fault protection.

1.2 RELATED SECTIONS

- .1 Section 01 33 00 - Submittal Procedures.
- .2 Section 01 74 19 - Construction/Demolition Waste Management And Disposal.
- .3 Section 01 45 00 - Quality Control.
- .4 Section 26 05 01 - Common Work Results - Electrical.
- .5 Section 26 28 21 - Moulded Case Circuit Breakers.

1.3 REFERENCES

- .1 CSA International
 - .1 CAN/CSA C22.2 No. 144-06(R2011), Ground Fault Circuit Interrupters.
- .2 National Electrical Manufacturers Association (NEMA)
 - .1 NEMA PG 2.2-1999(R2009), Application Guide for Ground Fault Protection Devices for Equipment.

1.4 SUBMITTALS

- .1 Submittals in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Submit product data and shop drawings.

1.5 WASTE MANAGEMENT AND DISPOSAL

- .1 Separate and recycle waste materials in accordance with Section 01 74 19 - Construction/Demolition Waste Management And Disposal, and with the Waste Reduction Workplan.
- .2 Collect and separate plastic, paper packaging and corrugated cardboard in accordance with Waste Management Plan.
- .3 Fold up metal banding, flatten and place in designated area for recycling.

PART 2 - Products

2.1 EQUIPMENT

- .1 Ground fault protection for circuit breakers shall be provided as an integral function of the solid state static sensor. Ground fault pick up settings shall be incrementally adjustable from 30% to 100% of breaker frame size and with time delay incrementally adjustable from 0.1 to 0.4 seconds. Zero sequence C/T's shall be employed encompassing all phase and neutral conductors, or separate C/T's and equalizer.

PART 3 - Execution

3.1 INSTALLATION

- .1 Adjust ground fault pick up and time delay as per the fault study described in 26 05 01 Common Work Results for Electrical.

END OF SECTION