

PART 1 - General

1.1 SECTION INCLUDES

- .1 Materials and installation for fused and non-fused disconnect switches.

1.2 RELATED SECTIONS

- .1 Section 01 33 00 - Submittal Procedures.
- .2 Section 26 05 01 - Common Work Results - Electrical.
- .3 Section 26 28 14 - Fuses - Low Voltage.

1.3 REFERENCES

- .1 Canadian Standards Association (CSA International).
 - .1 CAN/CSA C22.2 No.4-M89 (R2000), Enclosed Switches.
 - .2 CSA C22.2 No.39-M89 (R2003), Fuseholder Assemblies.

1.4 SUBMITTALS

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

1.5 SHOP DRAWINGS

- .1 Submit shop drawings in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Indicate on shop drawings:
 - .1 Fuse clip arrangement/class.
 - .2 Overall length, height and depth of each type of switch.
 - .3 Number of poles, including neutrals where required, amperage rating, and voltage rating of each type of disconnect required.

1.6 WASTE MANAGEMENT AND DISPOSAL

- .1 Collect and separate plastic, paper packaging and corrugated cardboard in accordance with Waste Management Plan.
- .2 Fold up metal banding, flatten and place in designated area for recycling.

PART 2 - Products

2.1 DISCONNECT SWITCHES

- .1 Fusible and non fusible disconnect switches in CSA Type 1 rated enclosures or as indicated, size as indicated.

- .2 Provision for padlocking in "ON" and "OFF" position.
- .3 Mechanically interlocked door to prevent opening when handle in "ON" position.
- .4 Fuseholders: suitable without adaptors, for type and size of fuse indicated.
- .5 Quick-make, quick-break action.
- .6 ON-OFF switch position indication on switch enclosure cover.
- .7 Fuseholder assemblies to CSA C22.2 No. 39.

2.2 EQUIPMENT IDENTIFICATION

- .1 Provide equipment identification in accordance with Section 26 05 01 - Common Work Results - Electrical.
- .2 Indicate name of load controlled on size 4 nameplate.

2.3 MANUFACTURERS

- .1 Standard of acceptability for Heavy Duty Disconnect Switch:
 - .1 Non-Fusible Disconnect Switch:
 - .1 Cutler-Hammer as detailed on drawing.
 - .2 Other acceptable manufacturers:
 - .1 Square 'D', FPL, Siemens.

PART 3 - Execution

3.1 INSTALLATION

- .1 Install disconnect switches complete with fuses if applicable.
- .2 Supply all necessary mounting hardware and channel as required to mount switches.

END OF SECTION