

**Part 1        General**

**1.1            RELATED SECTIONS**

- .1    Section 01 11 00 - General Requirements.
- .2    Section 26 05 00 - Common Work Results for Electrical.

**1.2            REFERENCES**

- .1    Canadian Standards Association (CSA International)
  - .1    CSA C22.1-12, Canadian Electrical Code, Part 1, 21st Edition.

**1.3            SUBMITTALS**

- .1    Provide submittals in accordance with Section 01 00 01 - General Requirements.
- .2    Product Data:
  - .1    Provide manufacturer's printed product literature, specifications and datasheet and include product characteristics, performance criteria, physical size, finish and limitations.
- .3    Provide shop drawings: in accordance with Section 01 00 01 - General Requirements.
  - .1    Provide drawings stamped and signed by professional engineer registered or licensed in Province of Alberta, Canada.

**Part 2        Products**

**2.1            SPLITTERS**

- .1    Construction: sheet metal enclosure, welded corners and formed hinged cover suitable for locking in closed position.
- .2    Terminations: main and branch lugs to match required size and number of incoming and outgoing conductors as indicated.
- .3    Spare Terminals: minimum three spare terminals or lugs on each connection or lug block.

**2.2            JUNCTION AND PULL BOXES**

- .1    Construction: welded steel enclosure.
- .2    Covers Flush Mounted: 25 mm minimum extension all around.

- .3 Covers Surface Mounted: screw-on flat or turned edge covers.

## **2.3 CABINETS**

- .1 Construction: welded sheet steel hinged door, handle, latch lock 2 keys and catch.
- .2 Type E Empty: surface return flange mounting.
- .3 Type T Terminal: surface return flange mounting containing 19 mm G1S fir plywood backboard.

## **Part 3 Execution**

### **3.1 SPLITTER INSTALLATION**

- .1 Mount plumb, true and square to building lines.
- .2 Extend splitters full length of equipment arrangement except where indicated otherwise.

### **3.2 JUNCTION, PULL BOXES AND CABINETS INSTALLATION**

- .1 Install pull boxes in inconspicuous but accessible locations.
- .2 Mount cabinets with top not higher than 2 m above finished floor except where indicated otherwise.
- .3 Install terminal block as indicated in Type T cabinets.
- .4 Only main junction and pull boxes are indicated. Install additional pull boxes as required by CSA C22.1.

### **3.3 IDENTIFICATION**

- .1 Equipment Identification: to Section 26 05 00 - Common Work Results for Electrical.
- .2 Identification Labels: size 2 indicating system name, voltage and phase.

**END OF SECTION**