

## **PART 1 - GENERAL**

### **1.1 RELATED SECTIONS**

- .1 Section 26 05 00 - Common Work Results - Electrical.

### **1.2 REFERENCES**

- .1 Canadian Standards Association (CSA International).
  - .1 CSA C22.10, Canadian Electric Code, Part 1 (Effective version).

## **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 Provide at least three terminals provided for each series of pods splitting boxes with a current rating less than 400 A.

### **2.2 JUNCTION AND PULL BOXES**

- .1 Construction: Welded steel enclosure, with lids screwed flat for mounting.
- .2 Lids, with an edge of at least 25 mm, adapted to pull boxes and junction mounted outcrop.

### **2.3 CABINETS**

- .1 E-type cabinet, sheet steel, surface mount, fitted with a hinged door with sides folded over the sides, a handle, and a latch.

## **PART 3 - EXECUTION**

### **3.1 SPLITTER INSTALLATION**

- .1 Mount plumb, true, and square to building lines.
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- .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 accessible locations.
- .2 Mount cabinets with top not higher than 2 m above finished floor except where indicated otherwise.
- .3 Only main junction and pull boxes are indicated. Install additional pull boxes in order to avoid more than 30 m distance and three elbows with a right angle or equivalent between boxes for the electrical distribution, and two elbows with a right angle for other conduit networks or empty conduits.
- .4 All pull and junction boxes must have the appropriate size depending of the numbers and size of conductors.

### **3.3 IDENTIFICATION**

- .1 Supply and install identification tags of equipment in accordance with Section 26 05 00 - Common Work Results - Electrical for the results of Work.
- .2 Install a Type 2 label indicating the name of the network, voltage, and number of phases.

**END OF SECTION**

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