

Part 1 General

1.1 SECTION INCLUDES

- .1 Materials and components for splitters, junction, pull boxes, and cabinets.

1.2 REFERENCES

- .1 Canadian Standards Association (CSA International)
 - .1 CAN/CSA-C22.2 No.76, Splitters

1.3 SUBMITTALS

- .1 Provide submittals in accordance with Contract Document.
- .2 Product Data:
 - .1 Provide manufacturer's printed product literature, specifications and datasheet and include product characteristics, performance criteria, physical size, finish and limitations.

Part 2 Products

2.1 JUNCTION AND PULL BOXES

- .1 Welded steel construction with screw-on flat covers for surface mounting.
- .2 Covers with 25 mm minimum extension all around, for flush-mounted pull and junction boxes.
- .3 Type and size as indicated on the drawings, or sized as per code requirements
- .4 Utilize stainless steel or PVC construction for NEMA 4X junction and pull boxes

2.2 CABINETS

- .1 Type E: sheet steel, hinged door and return flange overlapping sides, handle, lock and catch, for surface mounting.
- .2 Type T: sheet steel cabinet, with hinged door, latch, lock, 2 keys, containing sheet steel backboard for surface mounting.

Part 3 Execution

3.1 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 Only main junction and pull boxes are indicated. Install pull boxes so as not to exceed 30 m of conduit run between pull boxes.

- .4 Install terminal blocks as indicated in Type T cabinets.
- .5 All enclosures shall suit the environment where they are installed as follows:
 - .1 CSA/ NEMA 1 metal enclosures when installed inside panel
 - .2 CSA/ **NEMA 3R (WP) metal** enclosures when installed outdoors
 - .3 CSA/ NEMA 7 (XP) metal enclosures when installed in hazardous classified areas.
- .6 Refer to specification 26 05 01 for further details.

3.2 IDENTIFICATION

- .1 Provide equipment identification in accordance with Section 26 05 01 - Common Work Results - Electrical.
- .2 Install size 3 identification labels indicating system voltage and phase.
- .3 Install a permanent label or lamacoid on the cover of all junction boxes indicating the circuit(s) contained within.
 - .1 Example: L73-2 (Panel L73, circuit 2)

END OF SECTION