

1. **PART 1 – GENERAL**

1.1 Shop drawings and product data

- .1 Submit shop drawings and product data in accordance with Section 260500E – Common Work Results for Electrical.

2. **PART 2 – PRODUCTS**

2.1 Splitters

- .1 Sheet metal enclosure, welded corners and formed hinged cover suitable for locking in closed position.
- .2 Main and branch lugs and connection bars to match required size and number of incoming and outgoing conductors as indicated.
- .3 At least three spare terminals on each set of lugs in splitters less than 400 A.

2.2 Junction and pull boxes

- .1 Welded steel construction with screw on flat covers for surface mounting.
- .2 Covers with 13 mm minimum extension all around, for flush mounted pull and junction boxes.

2.3 Materials

- .1 Steel, galvanized steel, aluminium and/or PVC as indicated.

3. **PART 3 – EXECUTION**

3.1 General

- .1 Unless otherwise indicated, use following materials:
 - .1 Outside:
 - ☐ galvanized steel
 - ☐ aluminum
 - ☐ PVC
 - ☐
 - .2 Dry area:
 - ☒ steel
 - ☐
 - .3 Damp and wet areas:
 - ☐ galvanized steel
 - ☐ aluminum
 - ☒ PVC
- .2 Outside, in damp and wet areas, all fittings to be weatherproof.

3.2 Splitter installation

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

3.3 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.
- .3 Install terminal block as indicated in Type T cabinets.
- .4 Only main junction and pull boxes are indicated. Install pull boxes so as not to exceed 30 m of conduit run between pull boxes or three elbows at 90°.

3.4 Identification

- .1 Provide equipment identification in accordance with Section 260500E – Common Work Results for Electrical.
- .2 Install identification labels indicating system name, voltage and phase.