

PART 1 - GENERAL

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| <u>1.1 RELATED SECTIONS</u> | .1 | Section 26 05 00: Common Work Requirement - Electrical. |
| <u>1.2 MEASUREMENT AND PAYMENT</u> | .1 | Payment for provision of all items specified in this Section shall be by Lot Price. No separate payment will be made for work specified in the Contract Documents. All costs incurred by Contractor in meeting with the requirements of this Section shall be included in the bid price for the Work. |
| <u>1.3 SUBMITTALS</u> | .1 | Submittals, product data and shop drawings shall be in accordance with Specification Sections 01 33 00 and 26 05 00. |
| | .2 | Submit shop drawings and product data for cabinets. |
| | .3 | Provide manufacturer's printed product literature, specifications and datasheet and include product characteristics, performance criteria, physical size, finish and limitations. |
| | .4 | Provide drawings stamped and signed by professional engineer registered or licensed in the Province of Ontario, Canada. |

PART 2 - PRODUCTS

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| <u>2.1 SPLITTERS</u> | .1 | Sheet metal enclosure, welded corners and formed hinged cover suitable for locking in closed position. |
| | .2 | Main and branch lugs 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. |
| <u>2.2 JUNCTION AND PULL BOXES</u> | .1 | Welded steel construction with screw-on flat covers for surface mounting. |
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| <u>2.2 JUNCTION AND
PULL BOXES
(Cont'd)</u> | .2 | Covers with 25 mm minimum extension all around, for flush-mounted pull and junction boxes. |
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| <u>2.3 CABINETS</u> | .1 | Type E (Empty): sheet steel, hinged door and return flange overlapping sides, handle, lock and catch, 2 keys, for surface mounting. |
| | .2 | Type T (Terminal): sheet steel cabinet, with hinged door, latch, lock, 2 keys, containing 19 mm fire plywood backboard for surface flush mounting. |
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| <u>PART 3 - EXECUTION</u> | | |
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| <u>3.1 SPLITTER
INSTALLATION</u> | .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. |
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| <u>3.2 JUNCTION, PULL
BOXES AND CABINETS
INSTALLATION</u> | .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. |
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| <u>3.3 IDENTIFICATION</u> | .1 | Provide equipment identification in accordance with Section 26 05 00. |
| | .2 | Install size 2 identification labels indicating system name voltage and phase. |