SEG SPARKSTONE

Unleashing Potential Through Power
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600V Rated Secondary Bus Enclosures

The Recognized Leader in Quick Ship Custom Built Electrical Distribution Equipment

Secondary junction enclosures are specified increasingly by engineers as they seek to provide for future plant expansions and accommodate additional, secondary transformer taps as load requirements grow. Sparkstone secondary bus enclosures will enable your facility to add many service taps without costly modifications to existing transformer equipment or even complete equipment replacement. Sparkstone secondary bus enclosures are rated at 600V, with units available in current ranges from 2000 to 10000A. Bus is high conductivity copper and punched for 2-hole NEMA lugs, with the ability to handle up to 28 service taps.

STANDARD CONFIGURATION

- Open bottom access
- NEMA 3R construction
- Front and rear access availability
- NEMA 2-hole and 4-hole drilling patterns
- Heavy duty welded construction (12-gauge)
- 3 point latching door with padlockable handle
- Copper bussing with ground and neutral as required

AMPS	BUS SIZE	DIMENSIONS (inches)	PART NUMBER
2300	(2)1/4 X 5	48"T x 36"W x 36"D	PESB-0600-DD-2300-MS
2800	(2)1/4 X 6	54"T x 42"W x 42"D	PESB-0600-DD-2800-MS
3400	(3)1/4 X 5	54"T x 48"W x 48"D	PESB-0600-DD-3400MS
4500	(4)1/4 X 6	54"T x 54"W x 54"D	PESB-0600-DD-4500-MS
5300	(4)1/4 X 6	54"T x 60"W x 60"D	PESB-0600-DD-5300-MS
6200	(5)1/4 X 6	54"T x 66"W x 66"D	PESB-0600-DD-6200-MS
7500	(6)1/4 X 6	54"T x 66"W x 66"D	PESB-0600-DD-7500-MS

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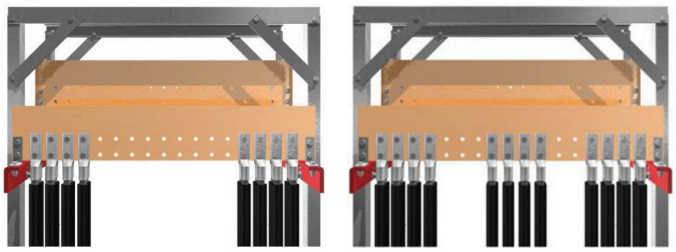
Contact us for more Info
844.SPRKSTN

Tap-Source-Tap Configuration

What Is Tap-Source-Tap Configuration?

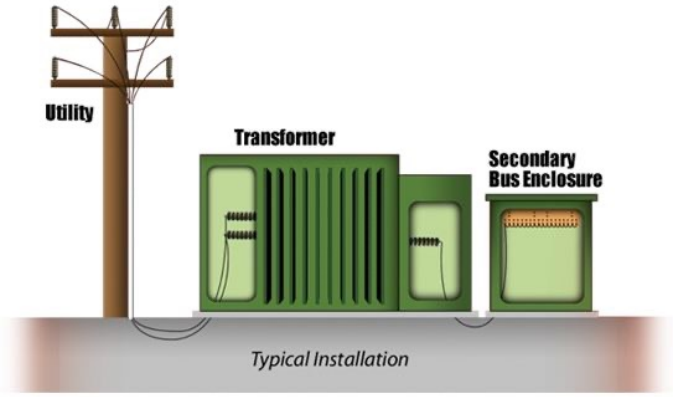
Termination cabinets are typically wired in a source to tap configuration. A Tap-Source-Tap (T-S-T) configuration can be used to save on costs and double the amperage allowed to pass through the cabinet. When another tap is added to the configuration, the two taps need to be balanced out so the electricity can flow through the termination cabinet correctly.



AMPS	PART NUMBER
4000	PESB-0600-DD-2300-MS-TST
5000	PESB-0600-DD-2800-MS-TST
6000	PESB-0600-DD-3400-MS-TST
8000	PESB-0600-DD-4500-MS-TST
8750	PESB-0600-DD-5300-MS-TST
9250	PESB-0600-DD-6200-MS-TST

Why Should I Use Tap-Source-Tap Configuration?

Cost is a major benefit with the T-S-T configuration. For example, a 4500A termination cabinet with the source to tap configuration can get up to only 4500A of power and electricity. With the T-S-T configuration in the same 4500A cabinet, power can reach up to 8000A.



If there is enough room for the wires you're running, you can double the amount of power and electricity you can bring out of that cabinet into whatever you're powering. This is a cost-effective solution to increase available power.

Quick Ship Enclosures

SEG has quick ship availablity for many product lines, including many secondary bus enclosure configurations.

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