

Mine 4160V 750 kVA Portable Substation

[Inventory ID #216141]

Manufacturer: MINE



- Rugged steel enclosure for mining applications.
- Lifting and hoisting lugs with 10x safety factor.
- 4160 to 600 V, 3 phase, 750 KVA copper wound dry type transformer with structural steel bracing for mining applications (cleaned, tested and reused).
- 3 x 5 KV mining connectors for 5 KV input, feed through and 5 KV miner power.
- 5 KV vacuum contactor and controls for 5 KV miner output.
- Steel wireway for main 600 V insulated bus.
- Separate 600V, 800 Amp main breaker compartment for isolation of 600 V feeder panel.
- 6 X 600 V feeder circuits controlled by vacuum contactors and controls.
 - 3 x 225 Amp mining outlets.
 - 3 x 125 Amp mining outlets.
- Separate enclosure for access to 600 V vacuum contactors.
- Separate enclosure for access to 600 V feeder breakers with dual hinged doors to cover 600 V terminals and wiring.
- Recessed location for breaker operator handles and circuit controls.
- Remote operator handles for safe operation of breakers from outside the enclosure.
- Ground fault and pilot wire protection relays on every 600 V feeder.
- Neutral ground resistor with resistor failure detection and ground fault detection on main 600 V.
- LED indicators for phase voltage on all 600 V outlets.
- LED indicators for phase voltage on 5 KV bus.
- Digital metering of V, A, W, etc on 5 KV miner output
- Digital metering of V, A, W, etc on 600 V main bus.
- Kirk Key and electrical interlocks for doors and disconnects handles.
- Location: Eastern Canada.

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