

Generator Quick Connection Switchgear

MVFS Series

2.4kV-15kV

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Product Line Brochure

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Standard Configuration



Figure 1: Carbon Steel NEMA 3R Enclosure



Figure 2: Isolated Customer Low Voltage Control Power Wiring Panel



Figure 3: Rear view of 200A permanent connection with phase barriers

200 – 1200A, 2400V-15kV (3Ø) Generator Connection Switchgear

- Floor-Standing
- Rating: 200 – 1200A, 2400V-15kV (3Ø)
- Temporary Generator Connection Receptacles:
 - 200A Air Insulated loadbreak bushing wells, inserts, and caps.
 - 600A Air Insulated deadbreak bushing wells, and caps.
 - ANSI/IEEE Std 386 connectors compatible
- Silver plated copper phase busbar for permanent cable connection.
- Rear phase barriers physically isolate each phase to minimize the possibility of phase to phase contact
- Air-Insulated bushing wells
- Insulating protective caps with drain wire
- Hanger for insulated caps when cables are connected to the bushings
 - Insulated caps installed on bushing inserts when cables are not connected using elbows
 - Grounding wires for insulating caps
- Enclosure Features
 - Type 3R enclosure for outdoor installation
 - Three types of enclosures are available:
 - Carbon steel with galvanized base
 - Type 304 stainless steel
 - Type 5052 aluminum
 - All types powder coated ANSI 61 gray
 - All hardware will be stainless steel
 - Customer control wiring panel
 - Door handles will be padlockable
 - Door will include an integral lower flip door (allows the main door to be closed with the mobile generator cables connected)
 - Typical Dimensions
 - 84"H x 44"W x 77"D
 - Terminal blocks for customer use
 - Anti-condensation heater in front and rear compartments with thermostat wiring
 - Requires 120V site power

