

TripleSwitch® 3-Way Manual Transfer Switch

UL 1008 Listed

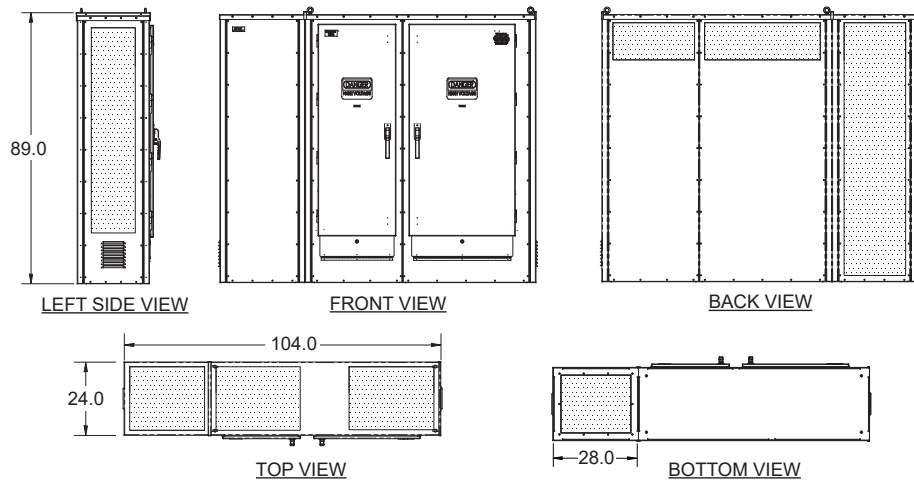
1600A, up to 480VAC
Series: 3116-M

Features



- Accepts 24VDC signal from ATS to switch power during load bank testing (other signal trip voltages available)
- Quick connect solution for permanent generator load bank testing and a backup portable generator
- Mechanically interlocked mechanism prevents cross-connecting power sources
- Dry contacts provided for annunciator circuit
- Disconnects are 3-pole circuit breakers as standard (optional 4-pole breakers or molded case switches available)
- Type 3R freestanding, double coated, cold-rolled steel enclosure with gray powdercoat RAL 7035 (stainless steel & additional colors optional)
- Color-coded series 16 cam style connectors for easy back-up generator (male) & load bank (female) connection
- Left side wireway extension for top and/or bottom conduit entry/exit
- Hinged plate secures generator cord entries when not in use
- Operating instructions on inside of enclosure
- Ground fault protection option available
- NEC 700.3(F) compliant

Drawing



Available incoming conduit entry locations shown shaded.

Approvals

- UL/cUL 1008 Listed assembly
- UL 1691 Listed receptacles
- UL 1087 Listed molded case switch
- UL 489 Listed / CSA certified molded case circuit breaker
- OSHPD seismic certification (OSP)
- ICC-ES 156 shake-table tested/certified
- IBC 2015/ASCE 7-10 compliant

Specifications

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System Voltage	208Y/120 (3-Phases + Neutral + Ground) 208 (3-Phases + Ground) (no Neutral) 240 Delta (3-Phases + Ground) (no Neutral) 240/120 Delta (3-Phases + Neutral + Ground) (High Leg) 480 Delta (3-Phases + Ground) (no Neutral) 480Y/277 (3-Phases + Neutral + Ground)	
Disconnect Poles	Standard: 3 Optional: 4	
Assembly Rating	50kAIC @ 240VAC, 50kAIC @ 480VAC with Circuit Breakers (10kA with Switches)	
Trip Type	Standard: LI, Optional: Basic Electronic, LI Ammeter, LSI, LSI Ammeter, LSI Power, LSIG Ammeter, LSIG Power, Automatic Switch	
Circuit Breaker kAIC/ Interrupting Rating kAIC	Standard: (100@240, 100@480) Other options available	
Circuit Breaker Rating	Standard: 80% Rated, Optional: 100% Rated	
Energy Reduction Maintenance Switch	Optional	
Optional Shunt Trip Voltage	12 VDC, 24 VDC, 48 VDC, 125 VDC, 250 VDC, 24 VAC, 48 VAC, 120 VAC, 240 VAC, 277 VAC, 380 VAC, 480 VAC	
Terminals	Includes the following for both load bank & portable generator: (7) Sets of 400A, 600VAC for phase & neutral (3) 400A, 600VAC for ground Other options available	
Disconnect Aux Contact	(1) N.O. / (1) N.C.(standard), (2) N.O. / (2) N.C.(optional)	
Optional Disconnect Bell Alarm	(1) N.O. / (1) N.C.	
Enclosure Material	Standard: Double coated, cold-rolled steel Optional: 304SS, 316SS	
Environmental Rating	Standard: 3R Optional: 3RX for stainless steel	
Enclosure Color Options (additional cost may be required)	Standard: RAL-7035 – Wrinkle Light Gray Optional: RAL-1015 – Wrinkle Light Ivory RAL-1023 – Wrinkle Traffic Yellow RAL-2004 – Wrinkle Pure Orange RAL-3020 – Wrinkle Traffic Red RAL-5002 – Wrinkle Ultramarine Blue	RAL-6024 – Wrinkle Traffic Green RAL-7004 – Wrinkle Signal Gray RAL-7038 – Wrinkle Agate Gray RAL-8017 – Wrinkle Chocolate Brown RAL-9003 – Wrinkle Signal White RAL-9005 – Wrinkle Jet Black
Standard Accessories	Phase Rotation Monitor Remote Start 3 Point TB	
Optional Accessories	Pilot Light - Primary Source (Red) Pilot Light - Primary Source (Green) Pilot Light - Alternate Source (Red) Pilot Light - Alternate Source (Green) Infrared Window ERMS (energy reduction maintenance switch)	Surge Protection Device (SPD) Heater/Thermostat/De-Humidistat Receptacle - 20A, 120V Duplex Receptacle - 20A, 120V GFCI Duplex Receptacle - 20A, 120V Twist Lock Receptacle - 30A, 120V Twist Lock Receptacle - 20A, 120V Straight Blade
Side Wireways	Left Side Effective Conduit Area (20"D x 22"W) Other options available	
Service Entrance Rating	Yes as an option	
Aproximate Product Weight:	3100 lbs.	
Aproximate Shipping Weight:	3150 lbs.	

Note: Most Options have an additional cost.