

# DualConnect™ - 1 Breaker

Dual Purpose Docking Station (DPDS)

**UL 1008 Listed**

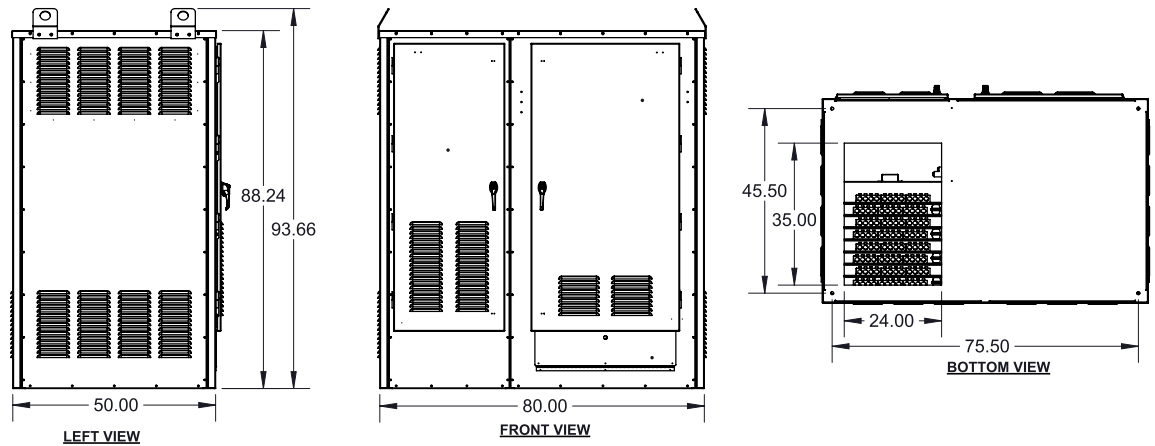
5000A, up to 600VAC  
Series: 8150

Features



- For load bank testing and portable generator connection with cam lock
- Key Interlock with permanent generator and DPDS portable generator cable access door
- Circuit breakers standard, molded case switches optional
- NEC700.3(f) and NEC 240.87 compliant depending on configuration requested
- Optional no breaker and 2 breakers available

Drawing



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
- IBC 2015/ASCE 7-10 compliant

# Specifications

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|--|--|--|
| System Voltage   | 208Y/120 (3-Phases + Neutral + Ground)<br>208 (3-Phases + Ground) (no Neutral)<br>240 Delta (3-Phases + Ground) (no Neutral)<br>240/120 Delta (3-Phases + Neutral + Ground) (High Leg)<br>480 Delta (3-Phases + Ground) (no Neutral)<br>480Y/277 (3-Phases + Neutral + Ground)<br>600 Delta (3-Phases + Ground) (no Neutral)<br>600Y/347 (3-Phases + Neutral + Ground) |  |
| Disconnect Poles   | <b>Standard:</b> 3<br>Optional: 4  |  |
| Assembly Rating  | 65kAIC @ 240VAC, 65kAIC @ 480VAC, 65kAIC@600VAC with Circuit Breakers (10kA with Switches)   |  |
| Trip Type  | <b>Standard:</b> LI,<br>Optional: Basic Electronic, LI Ammeter, LSI, LSI Ammeter, LSI Power, LSI Power, LSIG Power, Automatic Switch   |  |
| Circuit Breaker kAIC/ Interrupting Rating kAIC               | <b>Standard:</b> (100@240, 65@480, 65@600)<br>Other options available  |  |
| Circuit Breaker Rating                                       | 100% Rated   |  |
| Energy Reduction Maintenance Switch                          | Optional   |  |
| Optional Shunt Trip Voltage                                  | 12 VDC, 24 VDC, 48 VDC, 125 VDC, 250 VDC,<br>24 VAC, 48 VAC, 120 VAC, 240 VAC, 277 VAC, 380 VAC, 480 VAC   |  |
| Terminals  | Includes the following for both load bank & portable generator:<br>(15) Sets of 400A, 600VAC for phase & neutral<br>(4) 400A, 600VAC for ground<br>Other options available<br>Field Wiring: Ground<br>(12) 300-800Kcmil<br>Phases and Neutral<br>(24) 500-1000Kcmil  |  |
| Disconnect Aux Contact                                       | (4) N.O. / (4) N.C.  |  |
| Optional Disconnect Bell Alarm                               | (1) N.O. / (1) N.C.  |  |
| Enclosure Material   | <b>Standard:</b> Galvanneal<br>Optional: 304SS, 316SS  |  |
| Environmental Rating   | <b>Standard:</b> 3R<br>Optional: 3RX for stainless steel   |  |
| Enclosure Color Options<br>(additional cost may be required) | <b>Standard:</b> RAL-7035 - Wrinkle Light Gray<br>Optional: RAL-1015 - Wrinkle Light Ivory<br>RAL-1023 - Wrinkle Traffic Yellow<br>RAL-2004 - Wrinkle Pure Orange<br>RAL-3020 - Wrinkle Traffic Red<br>RAL-5002 - Wrinkle Ultramarine Blue   | RAL-6024 - Wrinkle Traffic Green<br>RAL-7004 - Wrinkle Signal Gray<br>RAL-7038 - Wrinkle Agate Gray<br>RAL-8017 - Wrinkle Chocolate Brown<br>RAL-9003 - Wrinkle Signal White<br>RAL-9005 - Wrinkle Jet Black                       |
| Optional Accessories   | Pilot Light - Primary Source (Red)<br>Pilot Light - Primary Source (Green)<br>Pilot Light - Alternate Source (Red)<br>Pilot Light - Alternate Source (Green)<br>Surge Protection Device (SPD)<br>Heater/Thermostat/De-Humidistat   | Phase Monitor<br>Receptacle - 20A, 120V Duplex<br>Receptacle - 20A, 120V GFCI Duplex<br>Receptacle - 20A, 120V Twist Lock<br>Receptacle - 30A, 120V Twist Lock<br>Receptacle - 20A, 120V Straight Blade<br>Remote Start: 4point TB |
| Aproximate Product Weight:                                   | 3967 lbs.  |  |
| Aproximate Shipping Weight:                                  | 4167 lbs.  |  |

Note: Most options have an additional cost.