



Wilson Engineered Systems Part Number: 105627  
 Voltage: 120/208/3/60

Breakers: Cutler-Hammer DK, 3 pole, 350 amp, 65 KAIC  
 Maximum UPS Rating: 100 kVA (based upon 80% NEC Rating)  
 Breakers are behind key lock door (not shown).  
 Enclosure: Surface Mount, 12 Gauge

**Connections:**

**A - From power source feeding system**  
 Lands on bus bar with lugs provided with panel  
 Lugs: (1) #4 to 600 kcm per phase  
 (1) #4 to 600 kcm Neutral  
 (1) #14 to #2 Ground

**B - Feeds to associated UPS System, if dual fed UPS 'B' feeds to UPS bypass input, if single fed UPS, feeds to UPS input.**  
 Phases land on breaker's lugs  
 Lugs: (1) 250 to 500 kcm per phase  
 (1) #4 to 600 kcm Neutral  
 (1) #14 to #2 Ground

**C - Feed from associated UPS System output.**  
 Phases land on breaker's lugs  
 Lugs: (1) 250 to 500 per phase  
 (1) #4 to 600 kcm Neutral  
 (1) #14 to #2 Ground

**D - Feeds to critical load being supported by associated UPS System**  
 Lands on bus bar with lugs provided with panel  
 Lugs: (1) #4 to 600 kcm per phase  
 (1) #4 to 600 kcm Neutral  
 (1) #14 to #2 Ground

Note: Field wiring phasing must be clockwise rotation and consistent, A phase must be A phase at all connections, B phase must be B phase at all connections and C phase must be C phase at all connections as the panel operation includes overlapping breaker circuits. Associated UPS must be in bypass mode (without transformation) for make before break operation.

DATE	BY	DESCRIPTION	DATE	BY

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3 Breaker UPS Bypass Panel  
 120/208/3/60 Volt  
 350 Amp, 65 KAIC

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FOR INFORMATION ONLY  
 NOT FOR CONSTRUCTION

PROJECT NO. MBR-3-208-0350-65