



Wilson Engineered Systems Part Number: 105628
 (Part Number with Option A Lugs: 105629)
 Voltage: 120/208/3/60
 Breakers: Cutler-Hammer DK, 3 pole, 400 amp, 65 KAIC
 Maximum UPS Rating: 115 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
 Lugs on bus bar with lugs provided with panel
 Lugs: (1) #4 to 600 kcm per phase (Option A (2) #6 to 250 kcm per phase)
 (1) #4 to 600 kcm Neutral (Option A (2) #6 to 250 kcm per phase)
 (1) #14 to #2 Ground (Option A (2) #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 per phase (Option A (2) 3/0 to 250 kcm per phase)
 (1) #4 to 600 kcm Neutral (Option A (2) #6 to 250 kcm per phase)
 (1) #14 to #2 Ground (Option A (2) #14 to #2 Ground)

C - Fed from associated UPS System output.
 Phases land on breaker's lugs
 Lugs: (1) 250 to 500 per phase (Option A (2) 3/0 to 250 kcm per phase)
 (1) #4 to 600 kcm Neutral (Option A (2) #6 to 250 kcm per phase)
 (1) #14 to #2 Ground (Option A (2) #14 to #2 Ground)

D - Feeds to critical load being supported by associated UPS System
 Lugs on bus bar with lugs provided with panel
 Lugs: (1) #4 to 600 kcm per phase (Option A (2) #6 to 250 kcm per phase)
 (1) #4 to 600 kcm Neutral (Option A (2) #6 to 250 kcm per phase)
 (1) #14 to #2 Ground (Option A (2) #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.
 If Option A lugs are desired, they must be ordered with the original unit.
 They are not available for field changeout by factory.

DATE	BY	DESCRIPTION	DATE	BY

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Wilson Engineered Systems, Inc.
 11501 Columbia Park Drive West, Bldg 100
 Jacksonville, FL 32258

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

DATE: 12/10/10
 DRAWN BY: MBR
 CHECKED BY: MBR
 PROJECT: MBR-3-208-0400-65