

DATE	BY	DESCRIPTION	DATE	BY

Wilson Engineered Systems Part Number: 105622

Voltage: 120/208/3/60

Breakers: Cutler-Hammer ED, 3 pole, 175 amp, 65 KAIC

Maximum UPS Rating: 50 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) #6 to 250 kcm per phase
(1) #6 to 250 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) #4 to 4/0 per phase
(1) #6 to 250 kcm Neutral
(1) #14 to #2 Ground

C - Feed from associated UPS System output.

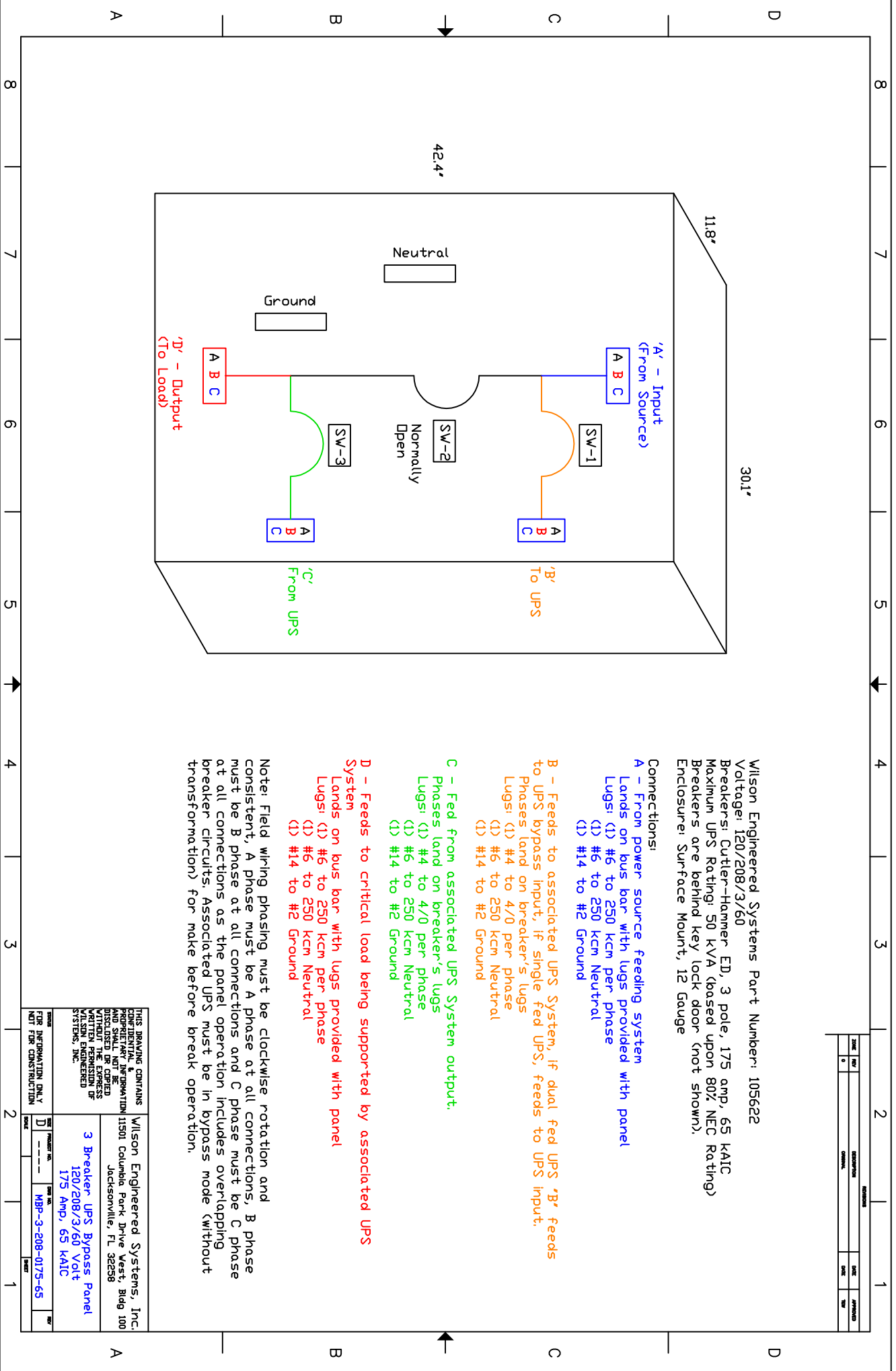
Phases land on breaker's lugs
Lugs: (1) #4 to 4/0 per phase
(1) #6 to 250 kcm Neutral
(1) #14 to #2 Ground

D - Feeds to critical load being supported by associated UPS System

Lands on bus bar with lugs provided with panel

Lugs: (1) #6 to 250 kcm per phase
(1) #6 to 250 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.



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

DATE: 01/11/11
BY: MBR-3-208-0175-65