



Wilson Engineered Systems Part Number: 105616
 Voltage: 120/208/3/60

Breakers: Cutler-Hammer EHD, 3 pole, 70 amp, 18 KAIC
 Maximum UPS Rating: 20 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) #14 to #2 per phase
 (1) #14 to #2 Neutral

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) #14 to 1/0 per phase
 (1) #14 to #2 Neutral
 (1) #14 to #2 Ground

C - Feed from associated UPS System output.

Phases land on breaker's lugs
 Lugs: (1) #14 to 1/0 per phase
 (1) #14 to #2 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) #14 to #2 per phase
 (1) #14 to #2 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	APPROVAL

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3 Breaker UPS Bypass Panel
 120/208/3/60 Volt
 70 Amp, 18 KAIC

PROJECT NO. MBR-3-208-0070-18