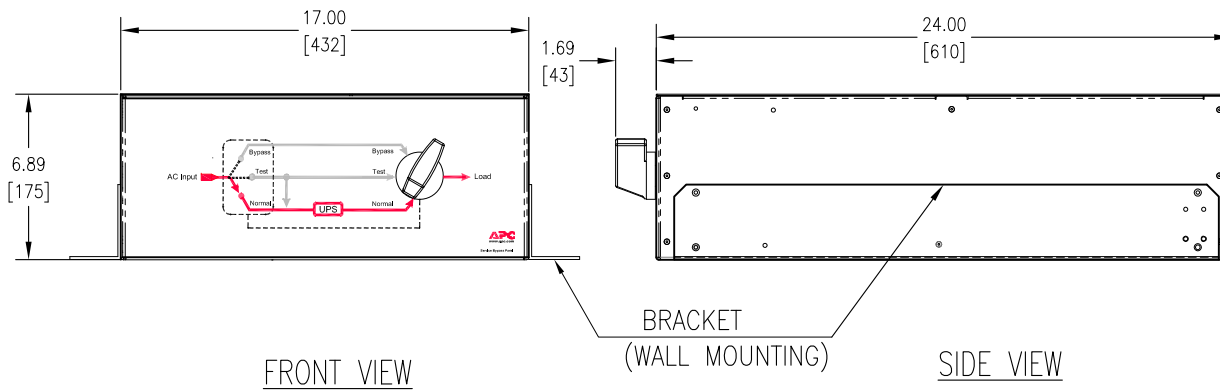
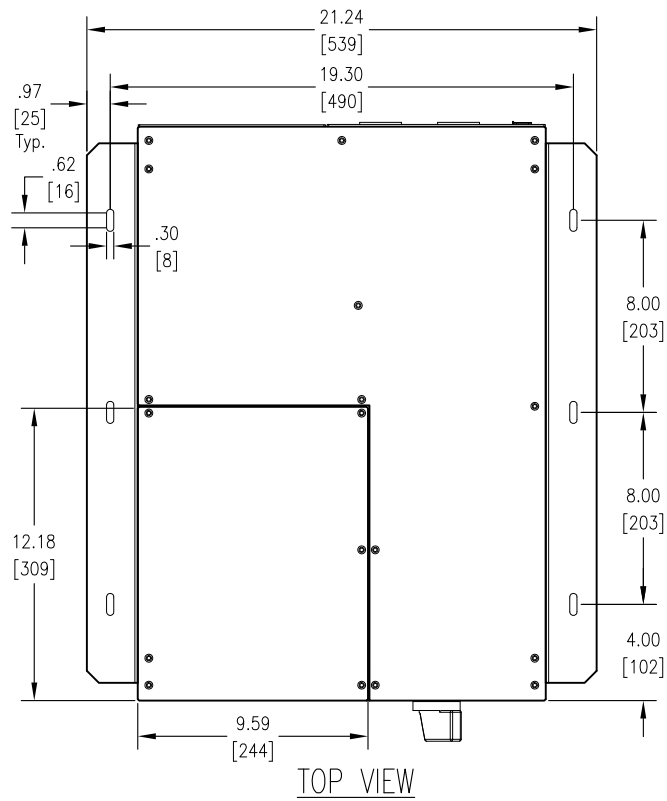
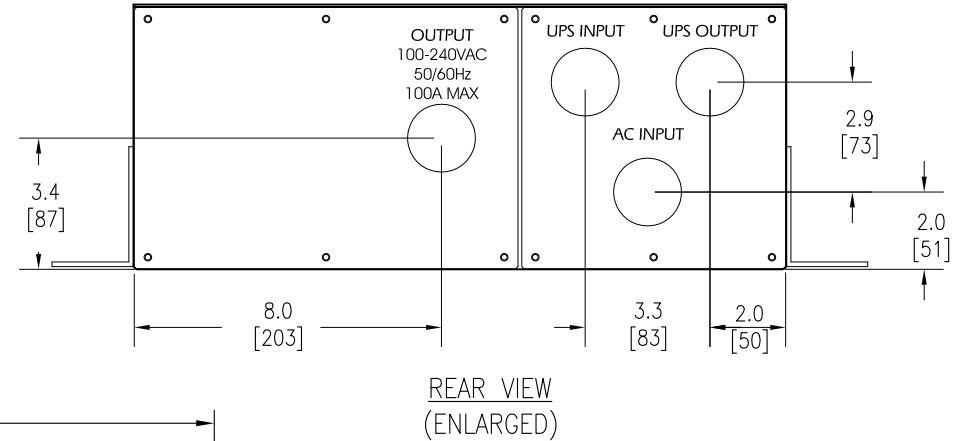
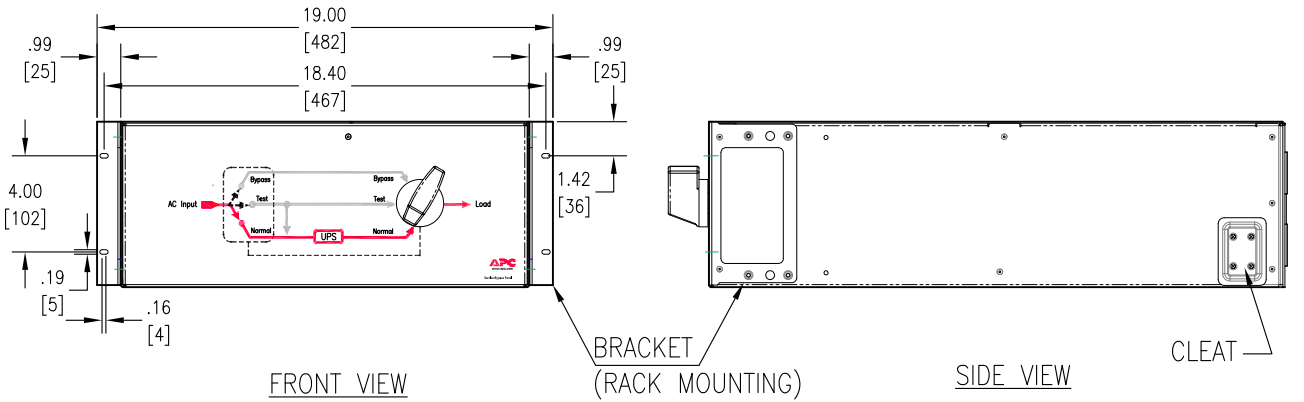


## WITH WALL MOUNTING BRACKET



## WITH RACK MOUNTING BRACKET



### NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL CODES.
2. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
3. WEIGHT OF UNIT IS 47 LBS [21.36 kg]
4. CABLE ENTRY IS FROM REAR SIDE OF THE UNIT.

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**Schneider Electric**

TITLE: MAINTENANCE BYPASS PANEL  
 INPUT: 200-240VAC, 1PH/3PH 100A,  
 OUTPUT: 120V, 200V, 208V, 230V, MBB  
 HARDWARE INPUT/OUTPUT  
 GENERAL MECHANICAL LAYOUT

DWG NO: SBP16KP

REV. 0

DRAWN BY: K.NAGENDRA/M.CRAVEN 15-JUN-12

THIRD

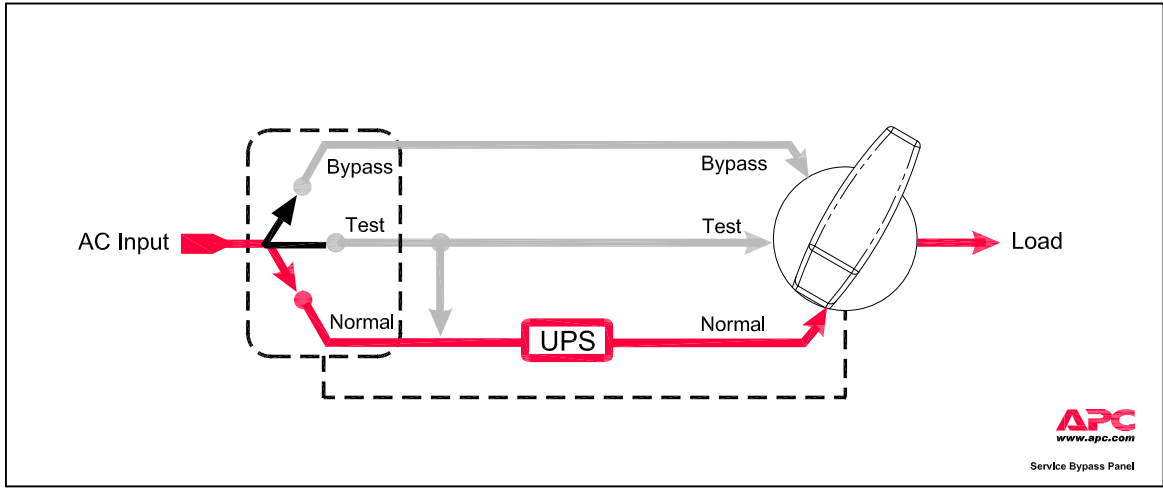
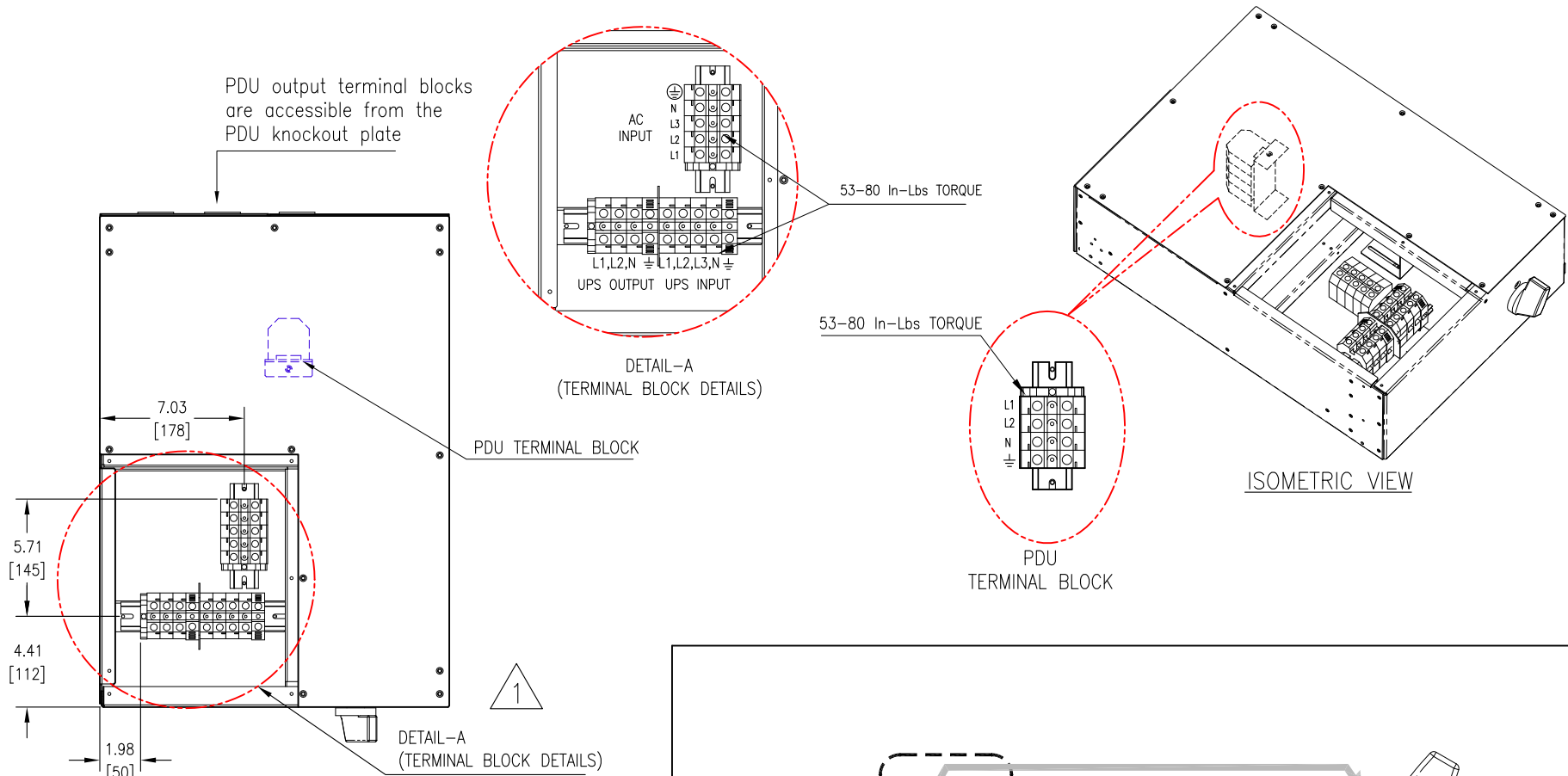
ENGINEER: D.DESJURREUX/N.WHITING 15-JUN-12

ANGLE

PROJECT: STD SUBMITTAL DRAWINGS SHEET 1 OF 4

APPROVED BY: K.WHITE/B.McKENNA 15-JUN-12

PROJECTION



POWER FLOW DIAGRAM

- NOTES:
- △ 1. INSTALLATION MUST COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL CODES.
  - 2. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].

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TITLE: MAINTENANCE BYPASS PANEL  
 INPUT: 200-240VAC, 1PH/3PH 100A,  
 OUTPUT: 120V, 200V, 208V, 230V, MBB  
 HARDWARE INPUT/OUTPUT  
 INTERNAL VIEWS AND MIMIC DIAGRAM

DWG NO: SBP16KP  
 DRAWN BY: K.NAGENDRA/M.CRAVEN  
 ENGINEER: D.DESJURREUX/N.WHITING  
 APPROVED BY: K.WHITE/B.McKENNA

REV. 0  
 15-JUN-12  
 15-JUN-12  
 15-JUN-12  
 THIRD ANGLE PROJECTION

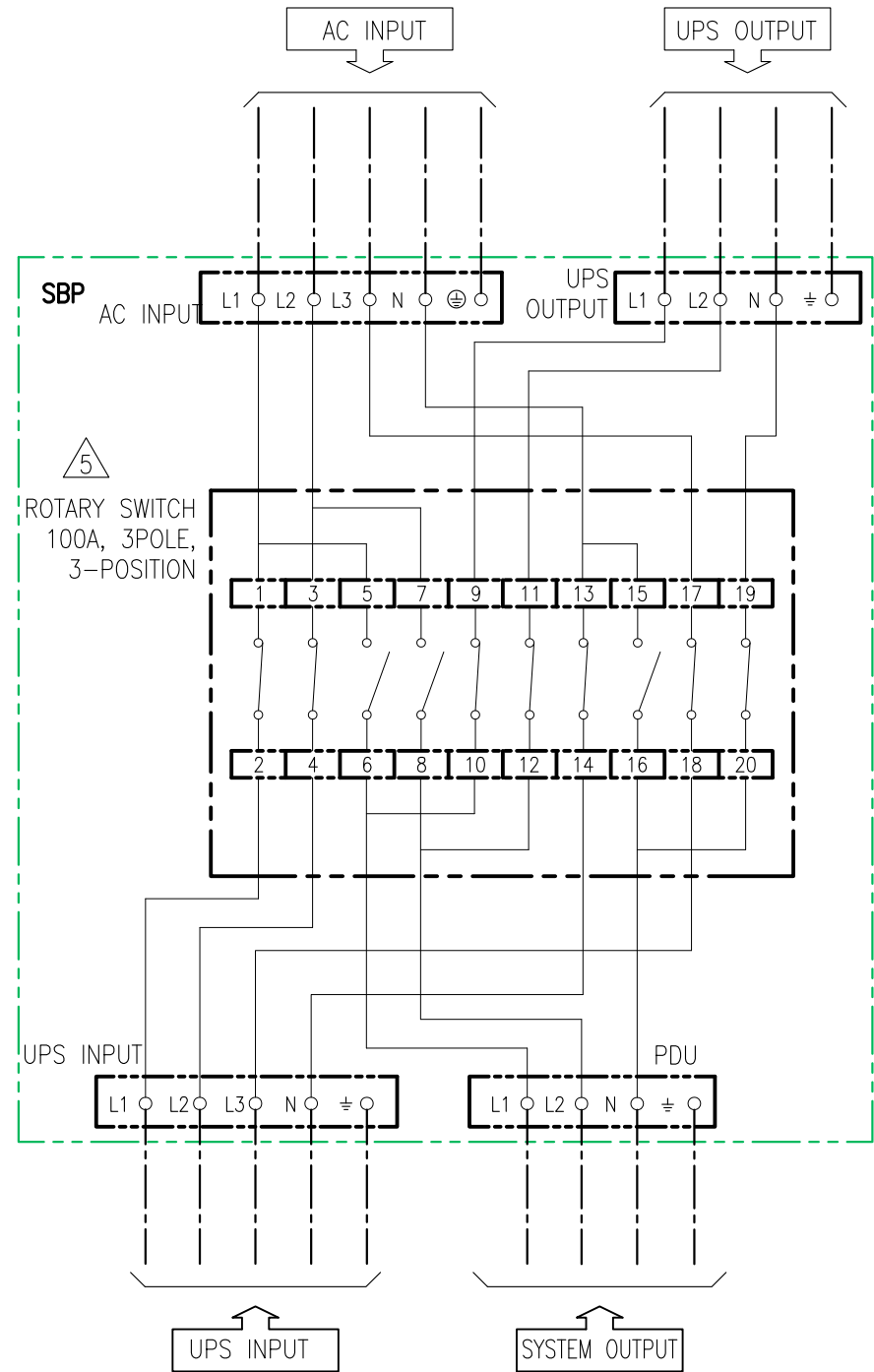
**NOTES:**

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL CODES.
2. THE UTILITY SOURCE FOR THE CONFIGURATION OPTIONS THE UNIT SHALL BE:
  - 2.1. FOR SPLIT PHASE: 200V/208V/240V (PH-PH) 50/60Hz, 2 $\phi$ +N+G (L1+L2+N+G)
  - 2.2. FOR SINGLE PHASE: 200V/208V/240V (PH-PH) 50/60Hz, 1 $\phi$ +N+G (L1+N+G)
  - 2.3. FOR THREE PHASE: 200V/208V/240V (PH-PH) 50/60Hz, 3 $\phi$ +N+G (L1+L2+L3+N+G)
3. CABLE AND AC SOURCE RATINGS WHEN SBP IS FED BY A 3 $\phi$  SOURCE:
  - 3.1. IN BYPASS OR TEST MODE OR UPS IN BYPASS MODE, THE 1 $\phi$  LOAD IS FED ONLY FROM L1+N OF THE 3 $\phi$  SOURCE. THE AC SOURCE L1+N CABLING AND CIRCUIT PROTECTION SHALL BE RATED TO SUPPLY FULL POWER TO THE UPS AND LOAD.
  - 3.2. THE L1+N CABLING BETWEEN THE SBP AND UPS REQUIRES THE SAME CURRENT RATING AS AC SOURCE L1+N CABLING.
  - 3.3. REFER TO UPS INSTALLATION INSTRUCTIONS FOR REQUIRED INPUT SOURCE RATINGS
4. CONNECTIONS FOR BYPASS INPUT AND UPS INPUT/OUTPUT WILL BE DONE THROUGH HARD WIRING (HW)

**△5. ROTARY SWITCH CONFIGURATION:**

SWITCH CONTACTS	
SWITCH POSITION	SWITCH CONTACTS (CLOSED POSITION)
NORMAL	1-2, 3-4, 9-10, 11-12, 13-14, 17-18, 19-20
TEST	1-2, 3-4, 5-6, 7-8, 13-14, 15-16, 17-18
BYPASS	5-6, 7-8, 15-16

ROTARY SWITCH POSITION SHOWN FOR "NORMAL" POSITION.



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TITLE: MAINTENANCE BYPASS PANEL  
 INPUT: 200-240VAC, 1PH/3PH 100A,  
 OUTPUT: 120V, 200V, 208V, 230V, MBB  
 HARDWIRE INPUT/OUTPUT  
 WIRING DIAGRAM

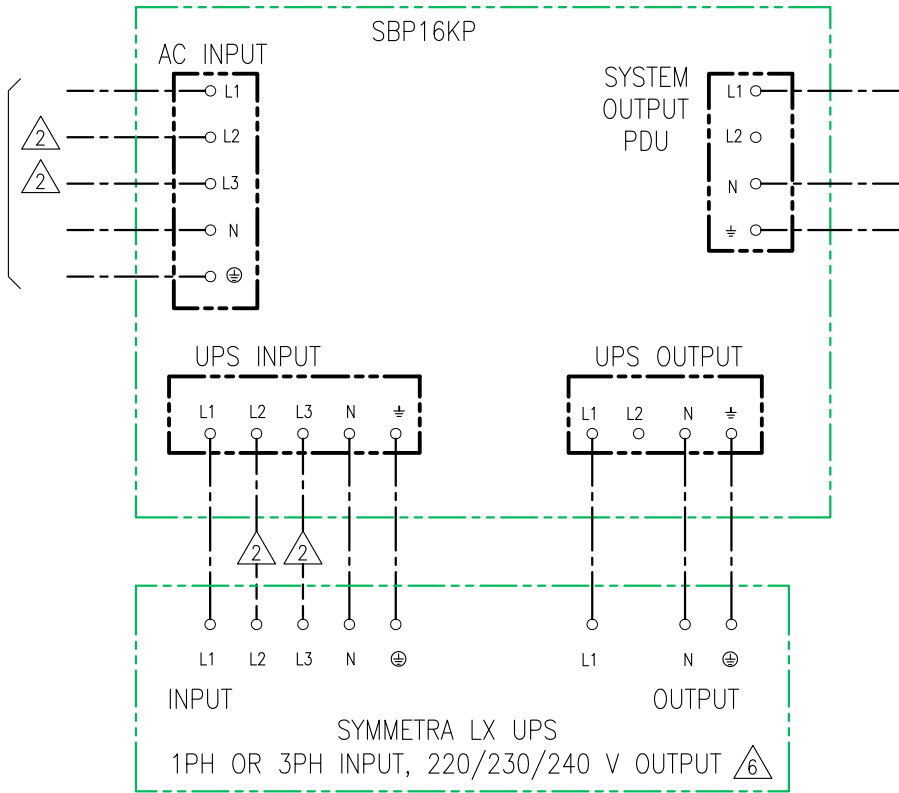
PROJECT: STD SUBMITTAL DRAWINGS | SHEET 3 OF 4

DWG NO: SBP16KP  
 DRAWN BY: K.NAGENDRA/M.CRAVEN  
 ENGINEER: D.DESJURREAU/N.WHITING

APPROVED BY: K.WHITE/B.McKENNA

REV: 0  
 15-JUN-12  
 15-JUN-12  
 15-JUN-12  
 THIRD ANGLE PROJECTION

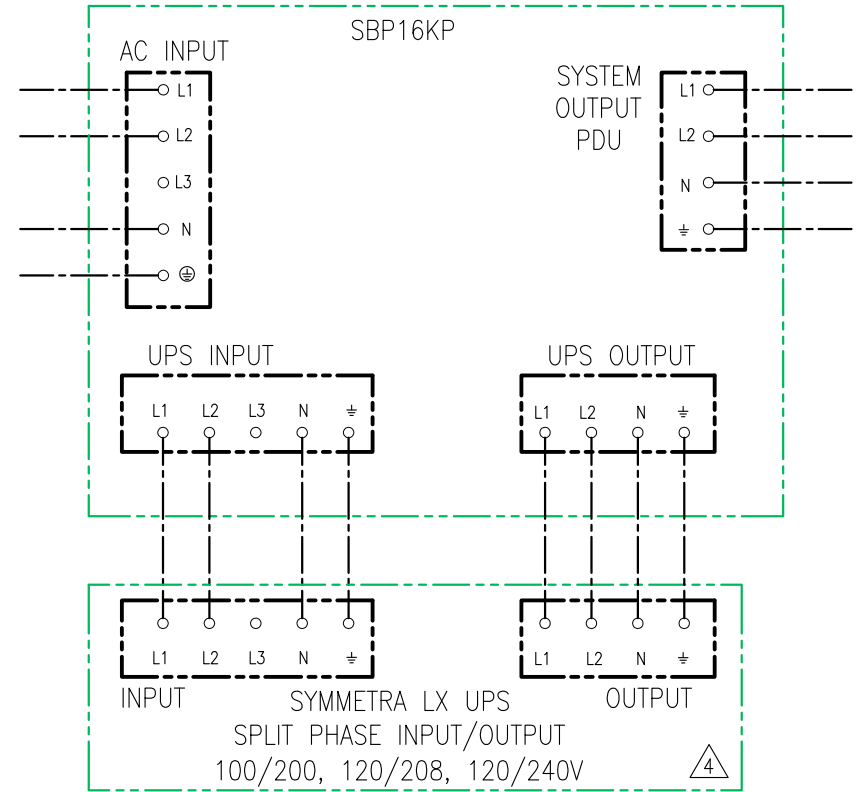
## TYPICAL CONNECTION DIAGRAM (1 $\phi$ UPS)



### NOTES-1:

1. INSTALLATION MUST COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL CODES.
- △ 2. FOR 3 $\phi$  UTILITY SOURCE, L2 AND L3 CONNECTED. FOR 1 $\phi$  UTILITY SOURCE, NO CONNECTION TO L2 AND L3.
3. 3 $\phi$  SOURCE, 220/230/240V PH-N, 50/60 Hz, 3 WIRE+NEUTRAL + GROUND.
4. 1 $\phi$  SOURCE, 220/230/240V PH-N, 50/60 Hz, 1 WIRE+NEUTRAL + GROUND.
5. OUTPUT CABLING IS 1 WIRE+NEUTRAL+GROUND AT 220/230/240V AC.
- △ 6. TYPICAL 1 $\phi$  OUTPUT UPS.

## TYPICAL CONNECTION DIAGRAM (SPLIT PHASE UPS)



### NOTES-2:

1. INSTALLATION MUST COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL CODES.
2. UTILITY SOURCE SHALL BE 1 $\phi$ , 200/208/240VAC, 50/60HZ, 2 $\phi$ +NEUTRAL+GROUND.
3. ALL AC POWER CABLING IS 2WIRE + NEUTRAL + GROUND.
- △ 4. TYPICAL SPLIT PHASE UPS.

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**Schneider Electric**

TITLE: MAINTENANCE BYPASS PANEL  
INPUT: 200-240VAC, 1PH/3PH 100A,  
OUTPUT: 120V, 200V, 208V, 230V, MBB  
HARDWARE INPUT/OUTPUT  
CONNECTION DETAILS

PROJECT: STD SUBMITTAL DRAWINGS SHEET 4 OF 4

DWG NO: SBP16KP

DRAWN BY: K.NAGENDRA/M.CRAVEN 15-JUN-12

ENGINEER: D.DESJURREUX/N.WHITING 15-JUN-12

APPROVED BY: K.WHITE/B.McKENNA 15-JUN-12

REV. 0

THIRD

ANGLE

PROJECTION