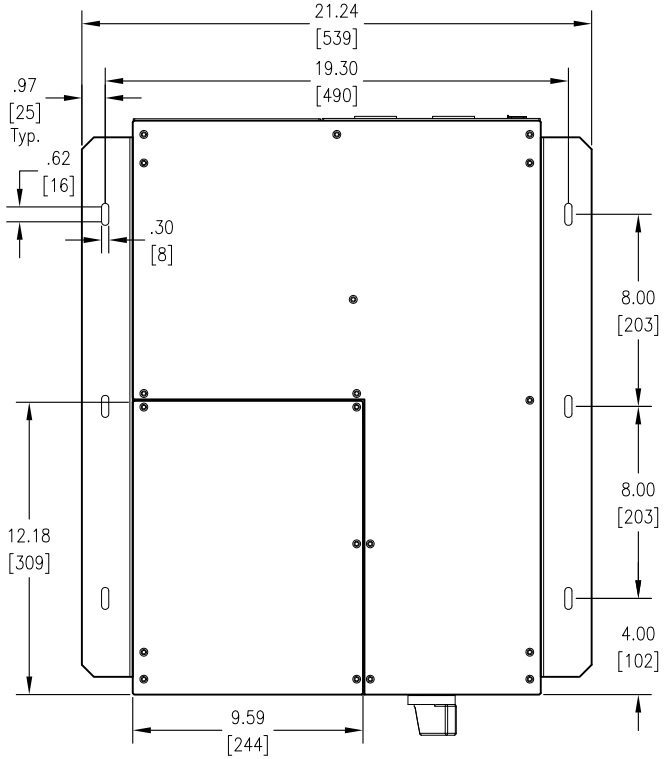
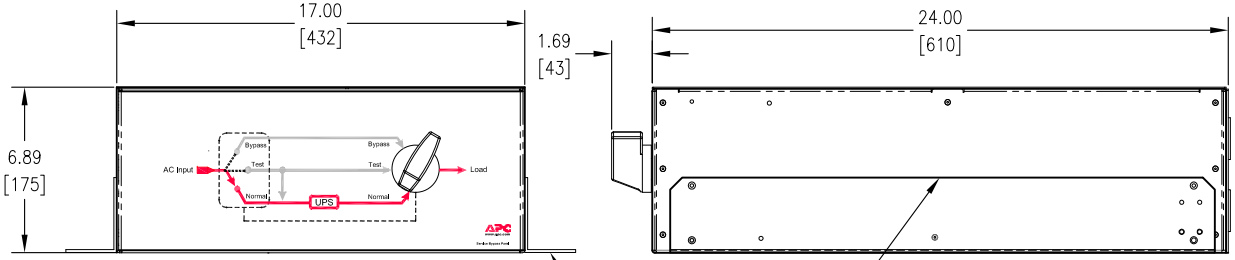
WITH WALL MOUNTING BRACKET



TOP VIEW

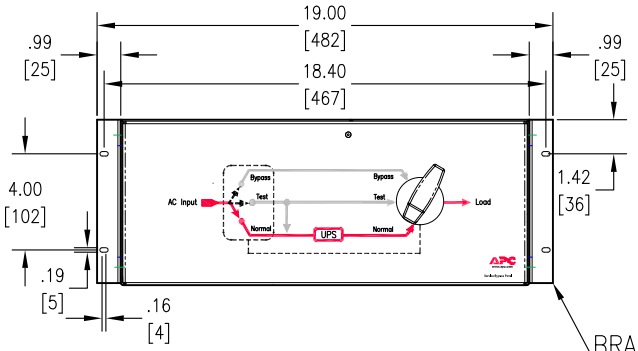


FRONT VIEW

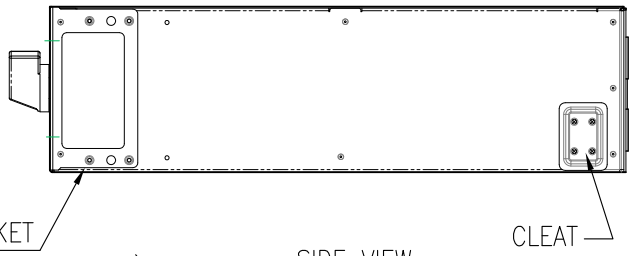
BRACKET
(WALL MOUNTING)

SIDE VIEW

WITH RACK MOUNTING BRACKET



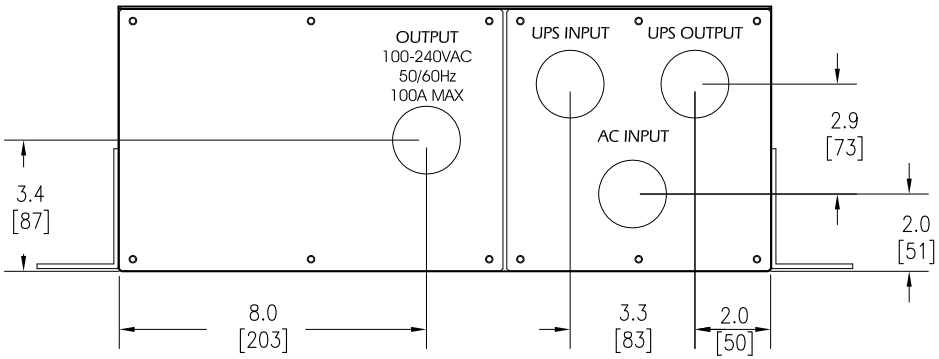
FRONT VIEW



BRACKET
(RACK MOUNTING)

SIDE VIEW

CLEAT



REAR VIEW
(ENLARGED)

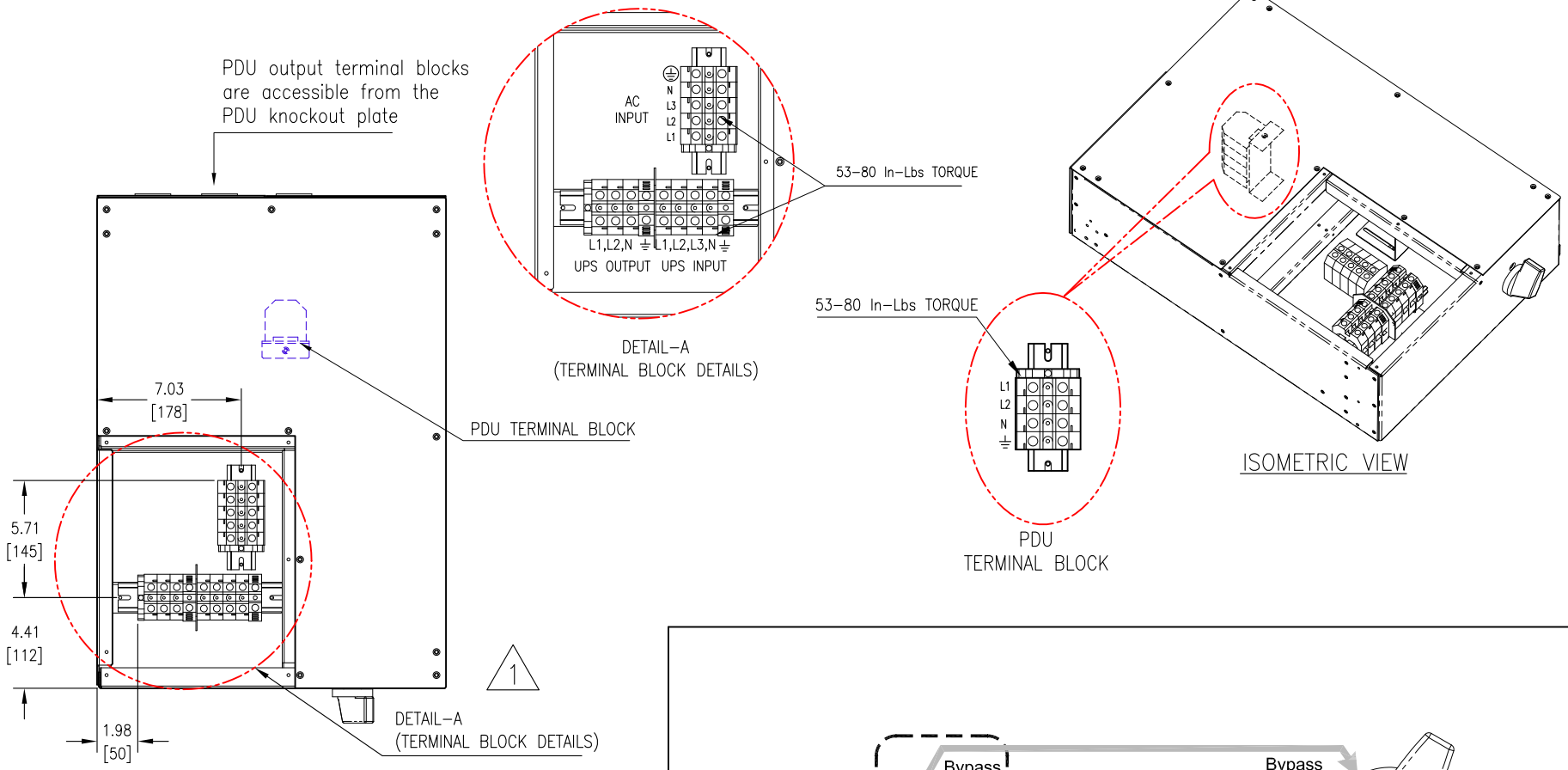
NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL CODES.
2. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
3. WEIGHT OF UNIT IS 47 LBS [21.36 kg]
4. CABLE ENTRY IS FROM REAR SIDE OF THE UNIT.

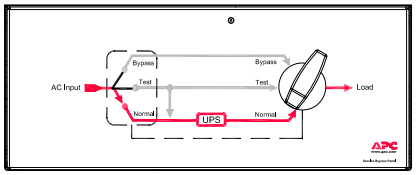
Schneider Electric

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

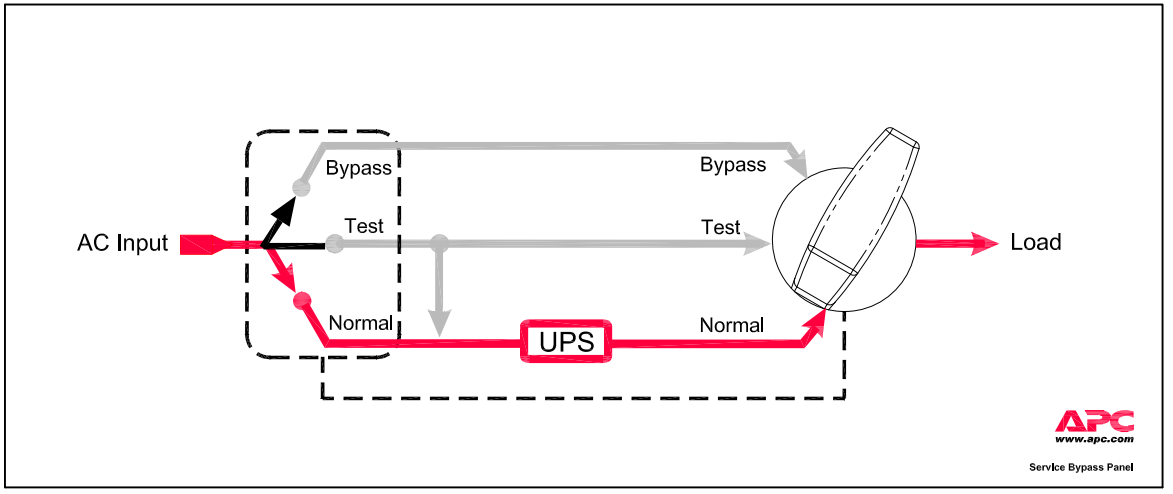
PROJECT: STD SUBMITTAL DRAWINGS | SHEET 1 OF 4

DWG NO: SBP16KP		REV. 0
DRAWN BY: K.NAGENDRA/M.CRAVEN	15–JUN–12	THIRD ANGLE PROJECTION
ENGINEER: D.DESUIRREAUX/N.WHITING	15–JUN–12	
APPROVED BY: K.WHITE/B.McKENNA	15–JUN–12	





FRONT VIEW



POWER FLOW DIAGRAM

NOTES:

△1. INSTALLATION MUST COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL CODES.

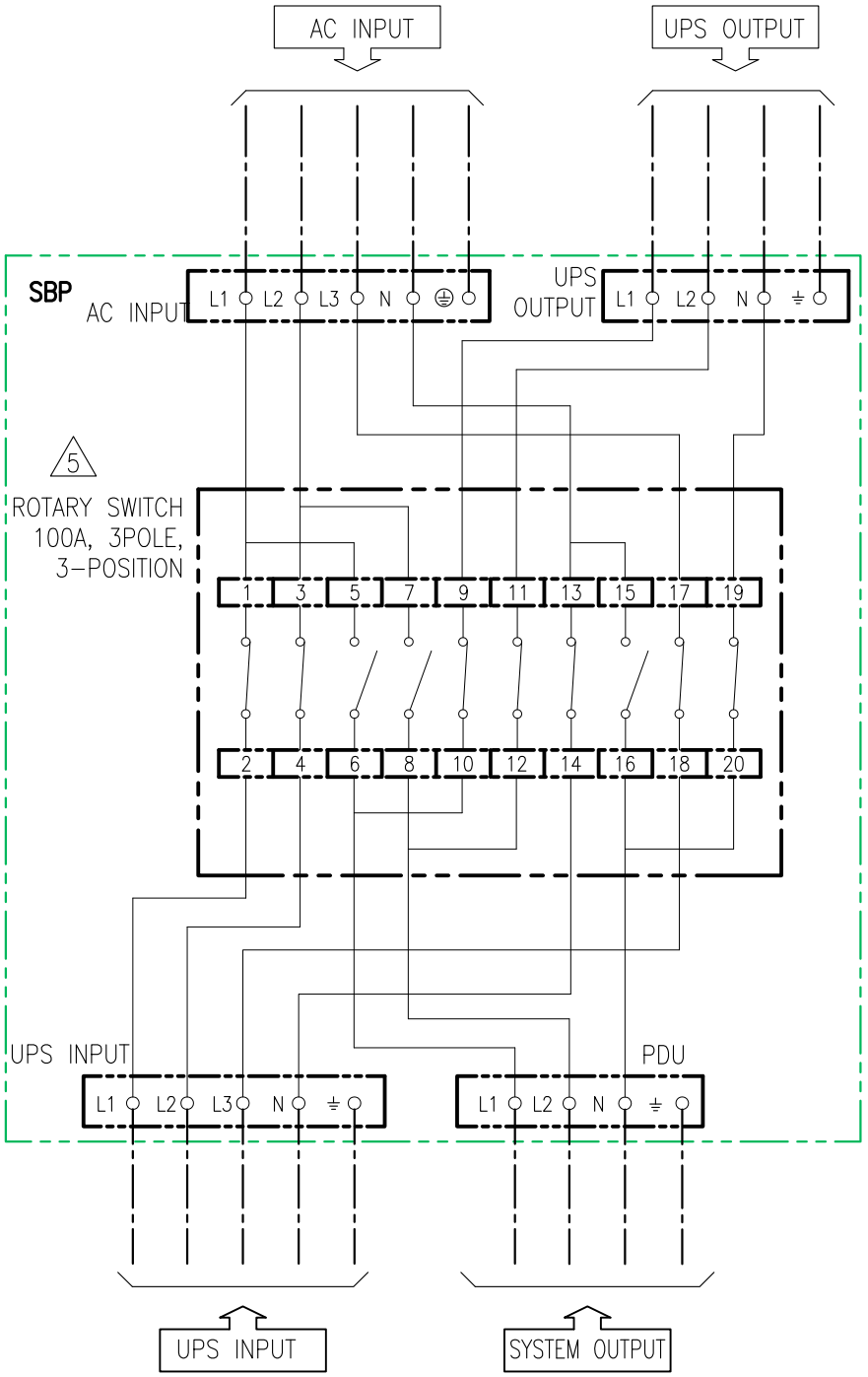
2. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].

Schneider Electric

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

PROJECT: STD SUBMITTAL DRAWINGS | SHEET 2 OF 4

DWG NO: SBP16KP		REV. 0
DRAWN BY: K.NAGENDRA/M.CRAVEN	15–JUN–12	THIRD ANGLE PROJECTION
ENGINEER: D.DESUIRREAUX/N.WHITING	15–JUN–12	
APPROVED BY: K.WHITE/B.McKENNA	15–JUN–12	



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, 2ϕ+N+G (L1+L2+N+G)
   - 2.2. FOR SINGLE PHASE: 200V/208V/240V (PH–PH) 50/60Hz, 1ϕ+N+G (L1+N+G)
   - 2.3. FOR THREE PHASE: 200V/208V/240V (PH–PH) 50/60Hz, 3ϕ+N+G (L1+L2+L3+N+G)

3. CABLE AND AC SOURCE RATINGS WHEN SBP IS FED BY A 3ϕ SOURCE:
   - 3.1. IN BYPASS OR TEST MODE OR UPS IN BYPASS MODE, THE 1ϕ LOAD IS FED ONLY FROM L1+N OF THE 3ϕ 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.

Schneider Electric

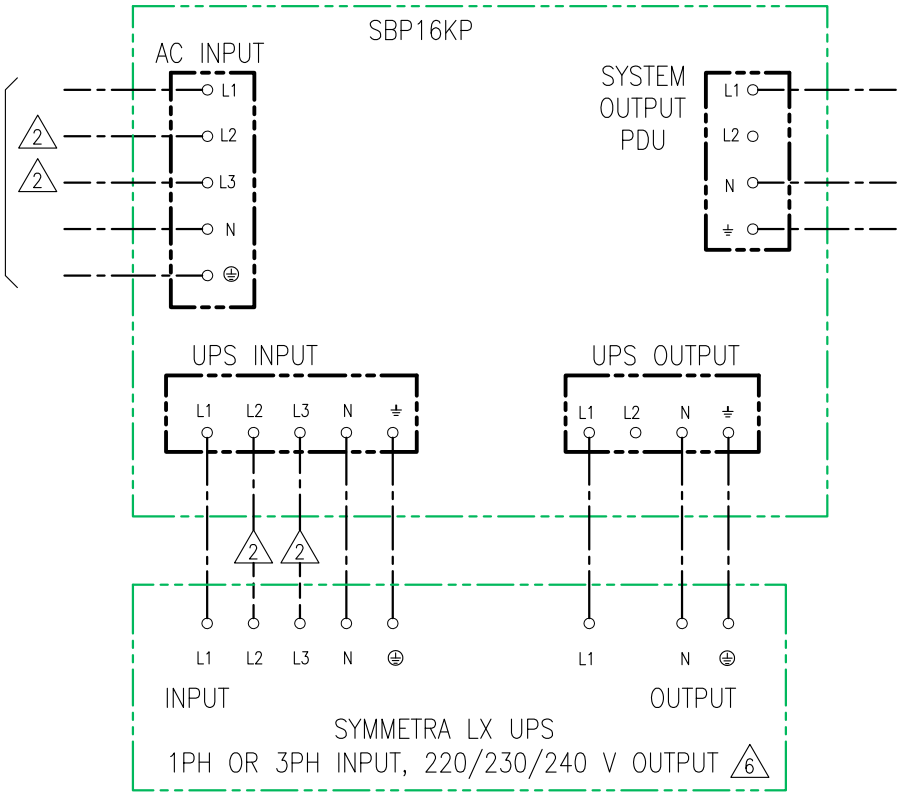
TITLE: MAINTENANCE BYPASS PANEL INPUT: 200–240VAC, 1PH/3PH 100A, OUTPUT: 120V, 200V, 208V, 230V, MBB HARDWIRE INPUT/OUTPUT WIRING DIAGRAM

PROJECT: STD SUBMITTAL DRAWINGS | SHEET 3 OF 4

DWG NO: SBP16KP | REV. 0

DRAWN BY: K.NAGENDRA/M.CRAVEN	15–JUN–12	THIRD ANGLE PROJECTION
ENGINEER: D.DESUIRREAUX/N.WHITING	15–JUN–12	
APPROVED BY: K.WHITE/B.McKENNA	15–JUN–12	

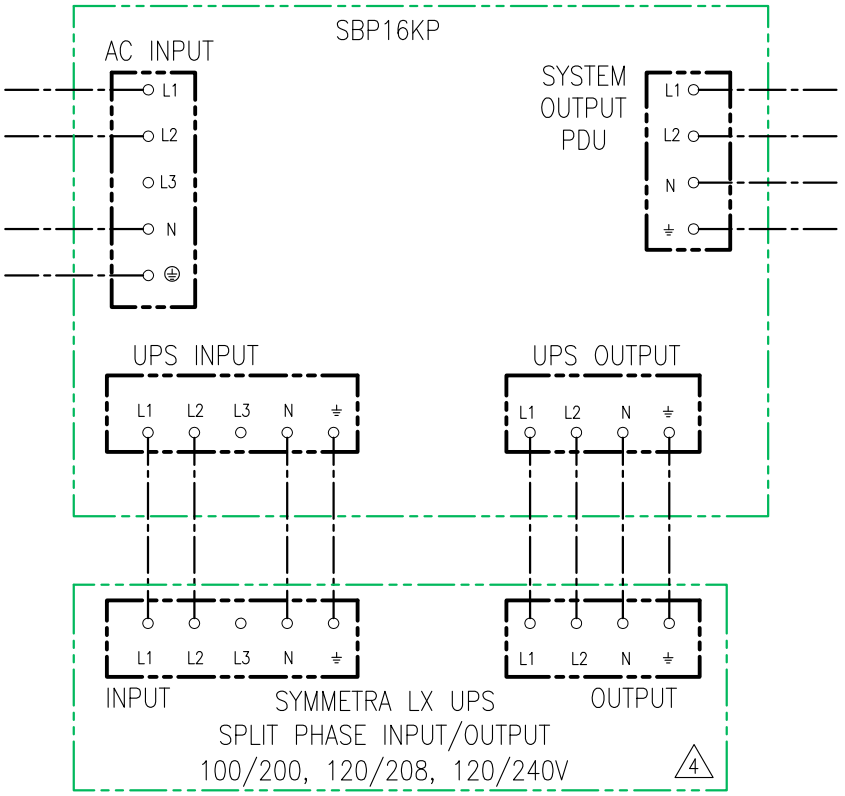
TYPICAL CONNECTION DIAGRAM (1ϕ UPS)



NOTES–1:

1. INSTALLATION MUST COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL CODES.
△ 2. FOR 3ϕ UTILITY SOURCE, L2 AND L3 CONNECTED. FOR 1ϕ UTILITY SOURCE, NO CONNECTION TO L2 AND L3.
3. 3ϕ SOURCE, 220/230/240V PH–N, 50/60 Hz, 3 WIRE+NEUTRAL + GROUND.
4. 1ϕ 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 1ϕ 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 1ϕ, 200/208/240VAC, 50/60HZ, 2ϕ+NEUTRAL+GROUND.
3. ALL AC POWER CABLING IS 2WIRE + NEUTRAL + GROUND.
△ 4. TYPICAL SPLIT PHASE UPS.

Schneider Electric

TITLE:	MAINTENANCE BYPASS PANEL INPUT: 200–240VAC, 1PH/3PH 100A, OUTPUT: 120V, 200V, 208V, 230V, MBB HARDWIRE INPUT/OUTPUT CONNECTION DETAILS
PROJECT:	STD SUBMITTAL DRAWINGS
SHEET	4 OF 4
DWG NO:	SBP16KP
REV.	0
DRAWN BY:	K.NAGENDRA/M.CRAVEN — 15–JUN–12
ENGINEER:	D.DESUIRREAUX/N.WHITING — 15–JUN–12
APPROVED BY:	K.WHITE/B.McKENNA — 15–JUN–12
	THIRD ANGLE PROJECTION