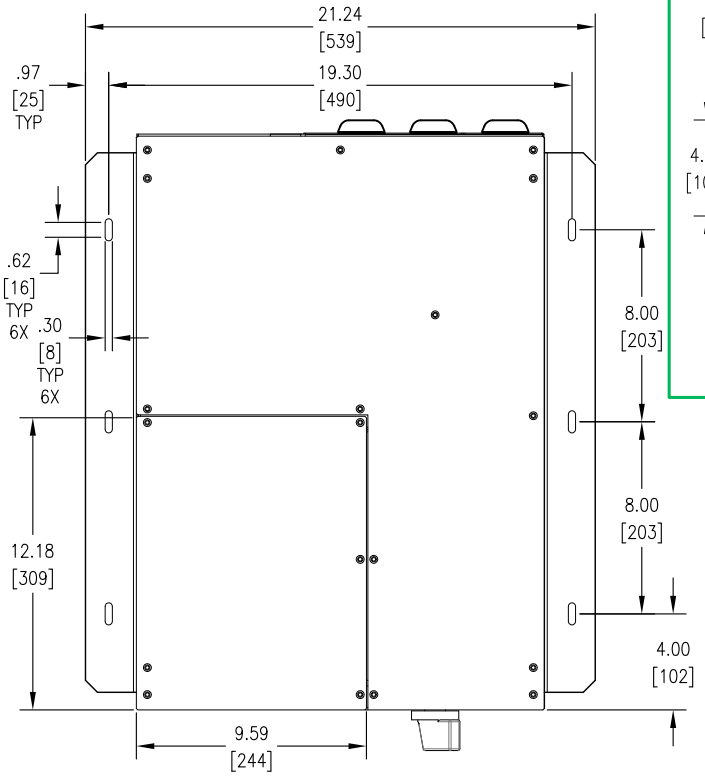
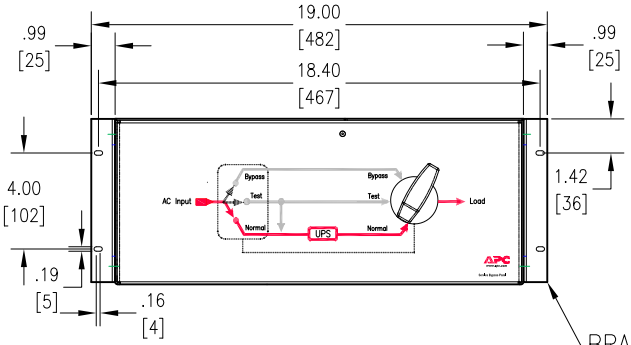
WITH WALL MOUNTING BRACKET

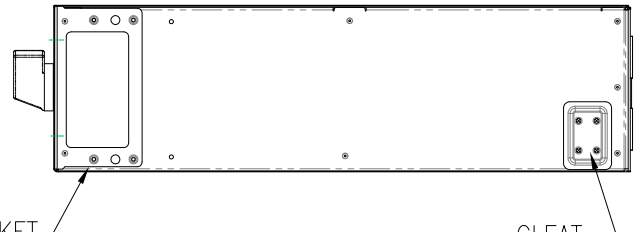


TOP VIEW

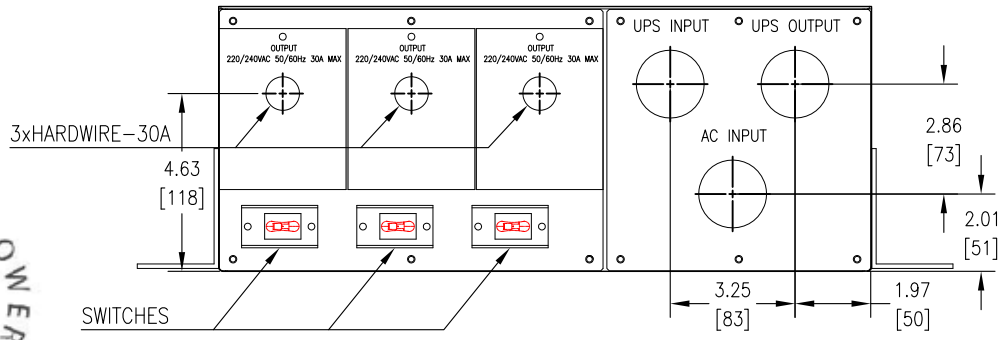
WITH RACK MOUNTING BRACKET



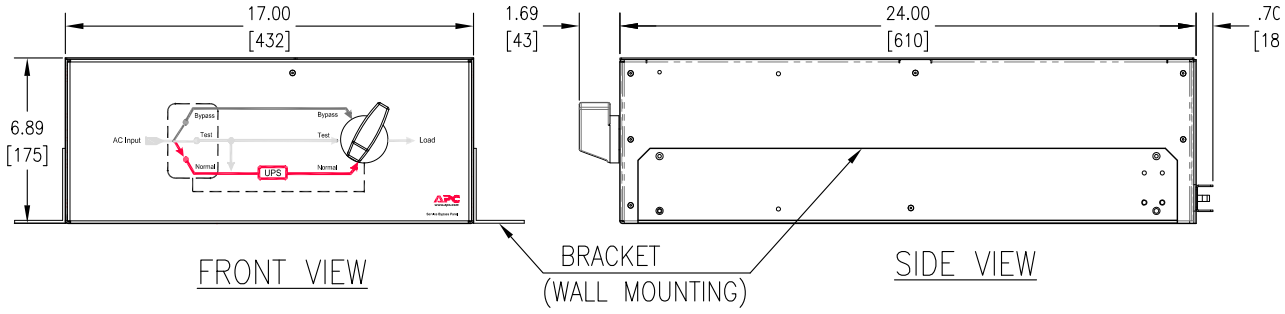
FRONT VIEW



SIDE VIEW

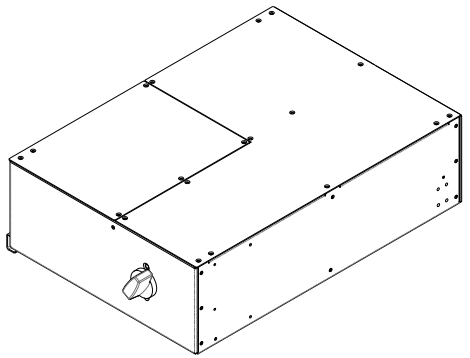


REAR VIEW
(ENLARGED)



FRONT VIEW

SIDE VIEW



ISOMETRIC VIEW
(WITHOUT MOUNTING BRACKETS)

NOTES:

1. INSTALLATION MUST COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL CODES.
2. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
3. WEIGHT OF UNIT IS 48 LBS [21.82 kg]
4. CABLE ENTRY IS FROM REAR SIDE OF THE UNIT.

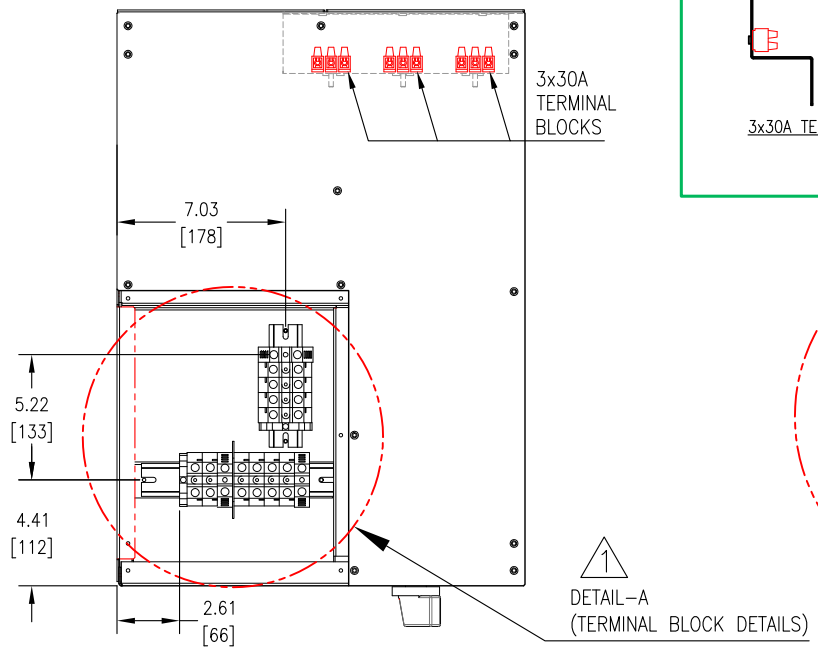
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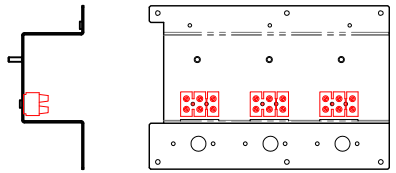
TITLE: MAINTENANCE BYPASS PANEL
INPUT: HARDWIRE, 230V, 1ϕ/3ϕ, 100A, MBB
OUTPUT: HARDWIRE, 3x30A
GENERAL MECHANICAL LAYOUT

PROJECT: STD PRODUCT DRAWINGS | SHEET 1 OF 4

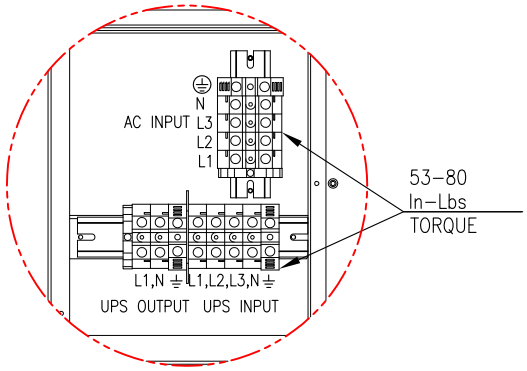
DWG NO: SBP16KRMI4U		REV. 0
DRAWN: K.NAGENDRA/M.CRAVEN	28-JUN-12	THIRD ANGLE PROJECTION
ENGINEER: D.DESRUISSEAUX/N.WHITING	28-JUN-12	
APPROVED: K.WHITE/B.McKENNA	28-JUN-12	



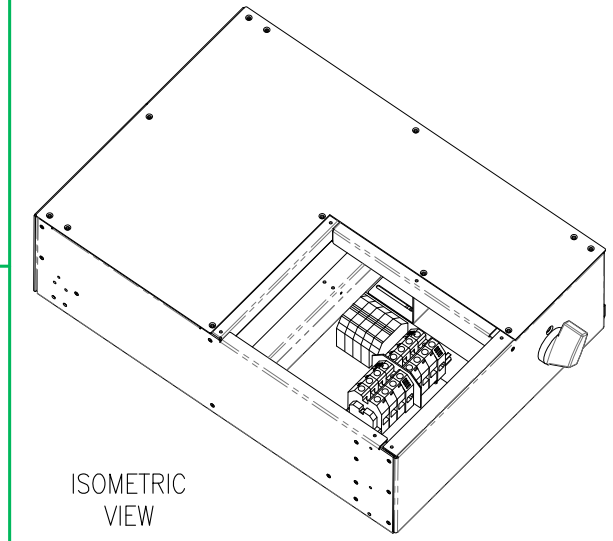
TOP VIEW



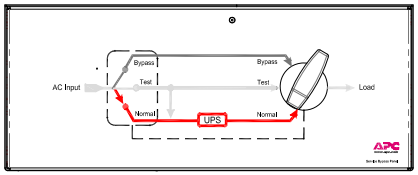
3x30A TERMINAL BLOCKS (HARDWIRING) MOUNTING DETAILS



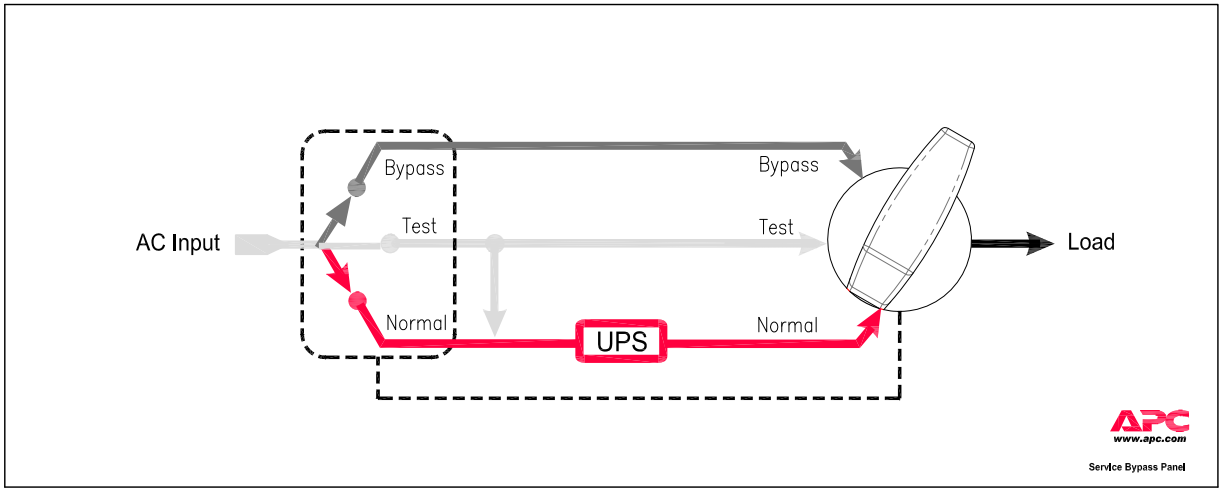
DETAIL–A
(TERMINAL BLOCK DETAILS)



ISOMETRIC
VIEW



FRONT VIEW



POWER FLOW DIAGRAM

NOTES:

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

2. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].

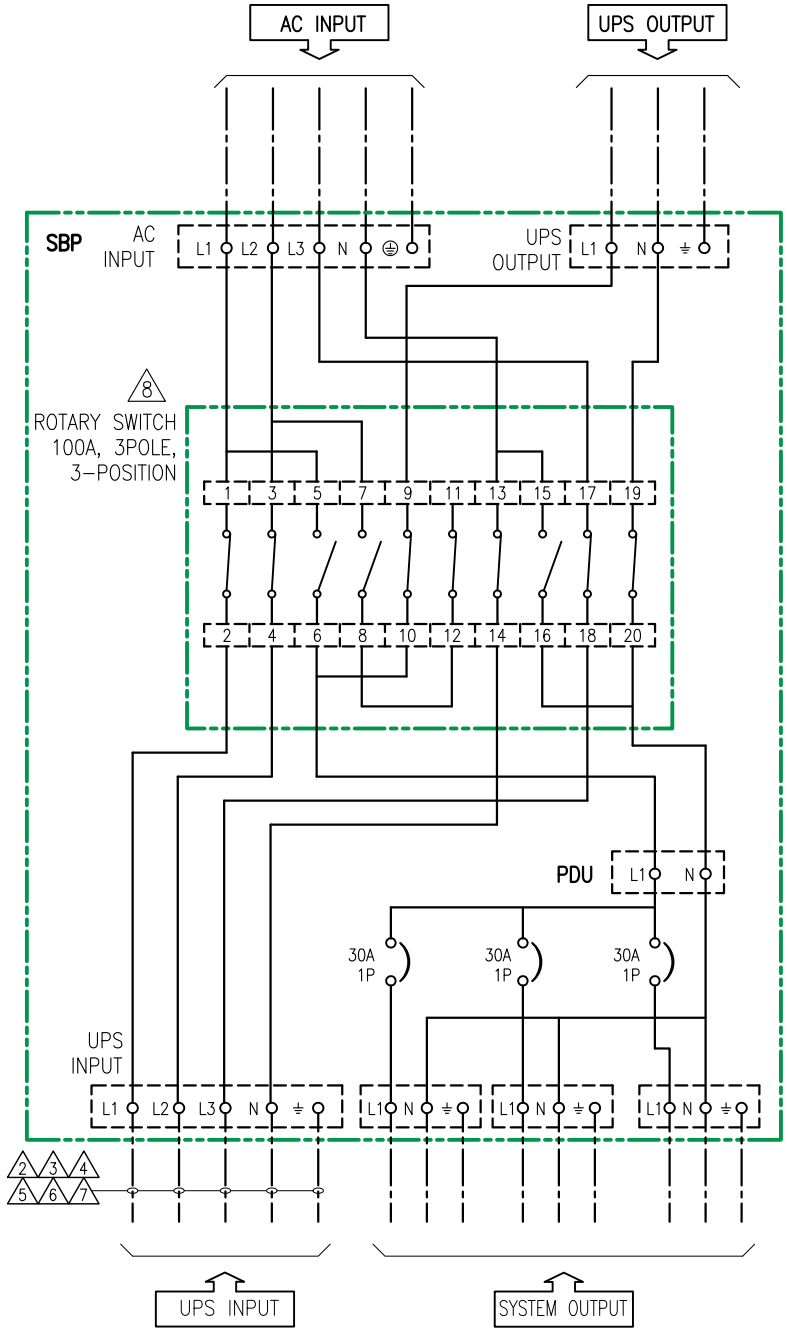
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TITLE: MAINTENANCE BYPASS PANEL
INPUT: HARDWIRE, 230V, 1ϕ/3ϕ, 100A, MBB
OUTPUT: HARDWIRE, 3x30A
INTERNAL VIEWS & MIMIC DIAGRAM

PROJECT: STD PRODUCT DRAWINGS | SHEET 2 OF 4

DWG NO:	SBP16KRMI4U		REV. 0
DRAWN:	K.NAGENDRA/M.CRAVEN	28–JUN–12	THIRD ANGLE PROJECTION
ENGINEER:	D.DESRUISSEAUX/N.WHITING	28–JUN–12	
APPROVED:	K.WHITE/B.McKENNA	28–JUN–12	



NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL CODES.
△ 2. CABLE AND AC SOURCE RATINGS WHEN SBP IS FED BY A 3ϕ SOURCE:
   - WHEN THE SBP IS SWITCHED TO "BYPASS" OR "TEST" MODE, OR THE UPS IS IN BYPASS, THE 1ϕ LOAD IS FED FROM L1+N OF THE 3ϕ SOURCE ONLY.
   - THE AC SOURCE L1+N CABLING AND CIRCUIT PROTECTION MUST BE SUITABLY RATED TO SUPPLY FULL POWER TO THE UPS AND THE LOAD.
   - REFER TO THE UPS INSTALLATION INSTRUCTIONS FOR REQUIRED INPUT SOURCE RATINGS.
   - THE L1+N CABLING BETWEEN THE SBP AND UPS REQUIRES THE SAME CURRENT RATING AS AC SOURCE L1+N CABLING.
△ 3. UTILITY SOURCE: 3ϕ 220/230/240V, 50/60 Hz, 5W, 3ϕ+N+G PROVIDED BY OTHERS.
△ 4. UTILITY SOURCE: 1ϕ 220/230/240V, 50/60 Hz, 3W, 1ϕ+N+G PROVIDED BY OTHERS.
△ 5. UTILITY SOURCE MUST MATCH UPS POWER REQUIREMENTS.
△ 6. ALL AC POWER CABLING EITHER 5W, 3ϕ+N+G OR 3W, 1ϕ+N+G, 220/230/240Vac.
△ 7. CONNECTIONS FOR BYPASS INPUT AND UPS INPUT/OUTPUT WILL BE DONE THROUGH HARD WIRING (HW)
△ 8. ROTARY SWITCH CONFIGURATION:

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 IN DRAWING IS FOR THE "NORMAL" POSITION

LINETYPE LEGEND

- MECHANICAL ENCLOSURE (MAIN ASSY.)
- MECHANICAL ENCLOSURE (SUBASSY.)
- TERMINAL BLOCK
- AC CABLING (PROVIDED BY OTHERS)

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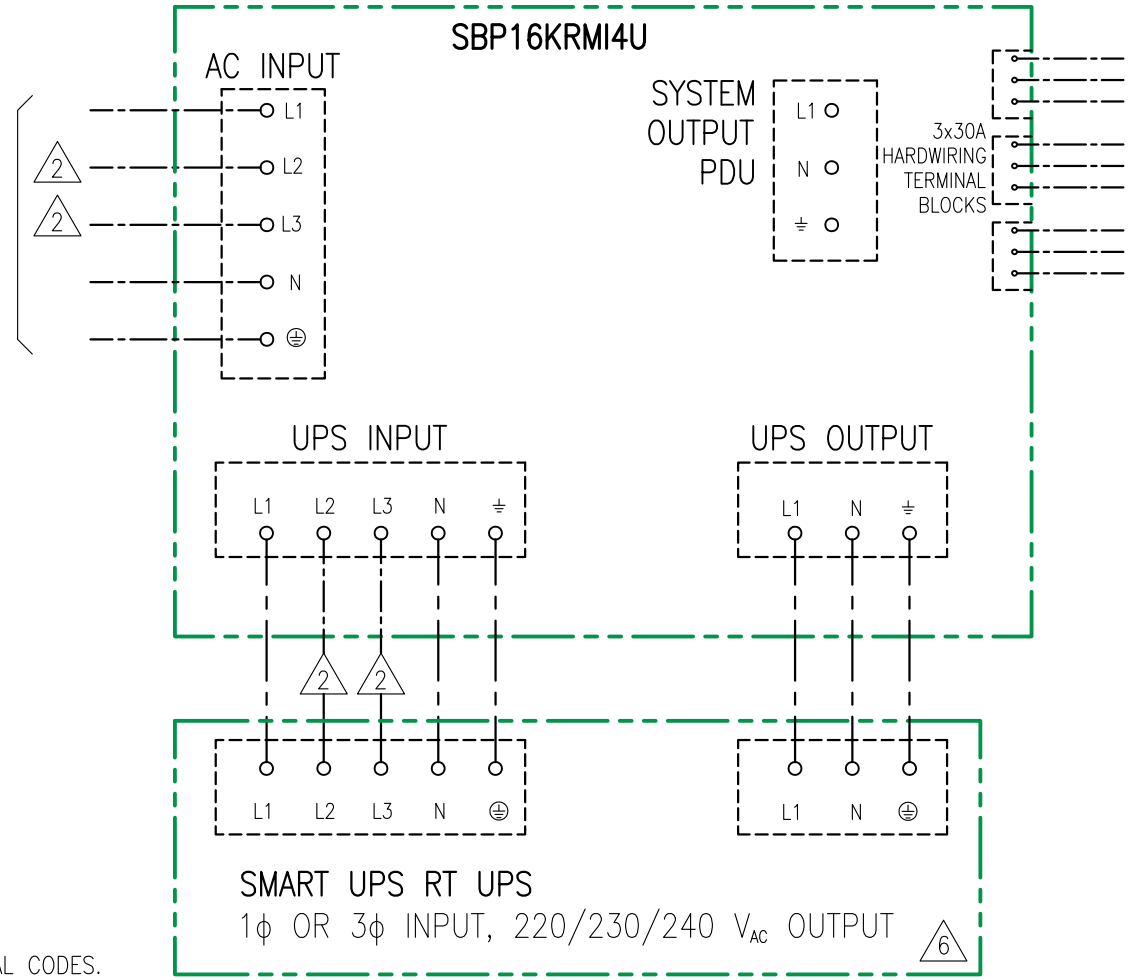
TITLE: MAINTENANCE BYPASS PANEL
INPUT: HARDWIRE, 230V, 1ϕ/3ϕ 100A, MBB
OUTPUT: HARDWIRE, 3x30A
WIRING DIAGRAM

PROJECT: STD PRODUCT DRAWINGS | SHEET 3 OF 4

DWG NO: SBP16KRMI4U | REV. 0

DRAWN: K.NAGENDRA/M.CRAVEN	28–JUN–12	THIRD ANGLE PROJECTION
ENGINEER: D.DESRUISSEAUX/N.WHITING	28–JUN–12	
APPROVED: K.WHITE/B.McKENNA	28–JUN–12	

TYPICAL CONNECTION DIAGRAM



NOTES:

1. INSTALLATION SHALL 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.

LINETYPE LEGEND

- MECHANICAL ENCLOSURE (MAIN ASSY.)
- MECHANICAL ENCLOSURE (SUBASSY.)
- TERMINAL BLOCK
- AC CABLING (PROVIDED BY OTHERS)

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Schneider Electric

TITLE: MAINTENANCE BYPASS PANEL
INPUT: HARDWIRE, 230V, 1ϕ/3ϕ, 100A, MBB
OUTPUT: HARDWIRE, 3x30A
TYPICAL CONNECTION DIAGRAM

PROJECT: STD PRODUCT DRAWINGS | SHEET 4 OF 4

DWG NO: SBP16KRMI4U		REV. 0
DRAWN: K.NAGENDRA/M.CRAVEN	28–JUN–12	THIRD ANGLE PROJECTION
ENGINEER: D.DESRUISSEAUX/N.WHITING	28–JUN–12	
APPROVED: K.WHITE/B.McKENNA	28–JUN–12	