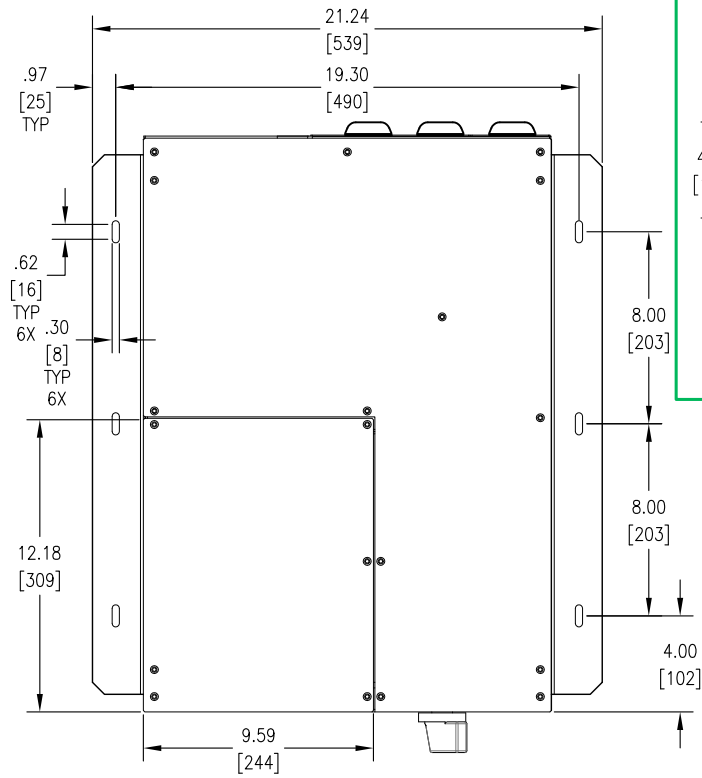
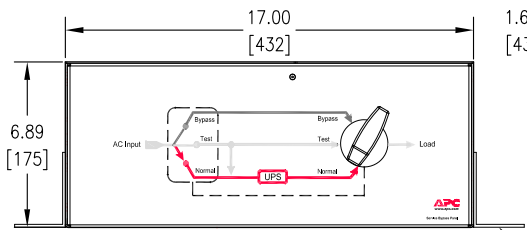


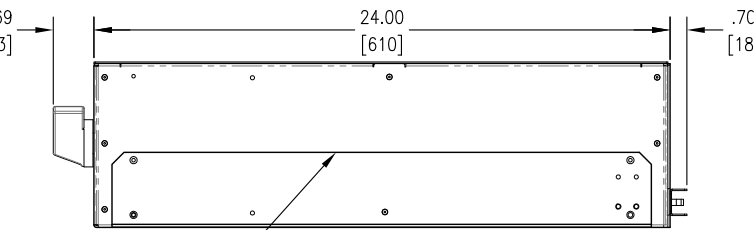
WITH WALL MOUNTING BRACKET



TOP VIEW



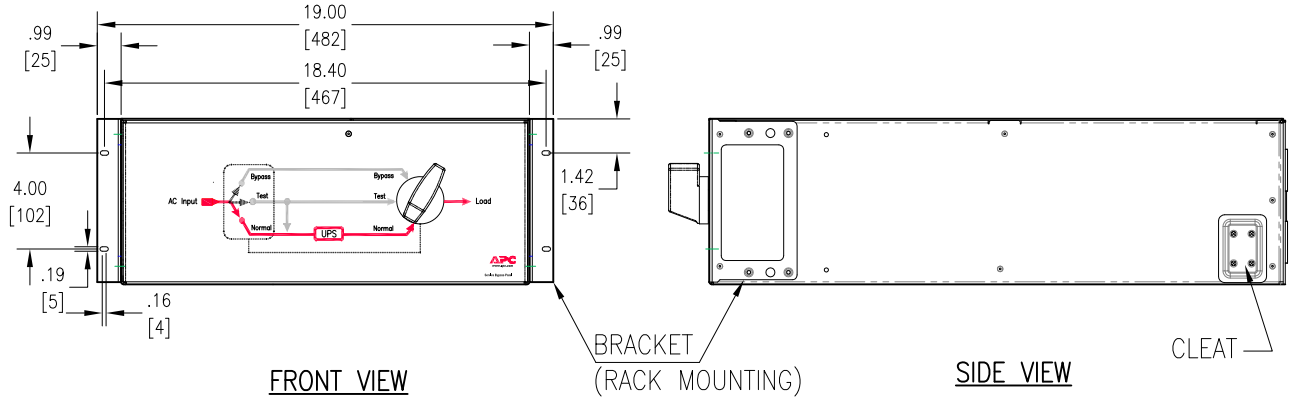
FRONT VIEW



BRACKET
(WALL MOUNTING)

SIDE VIEW

WITH RACK MOUNTING BRACKET

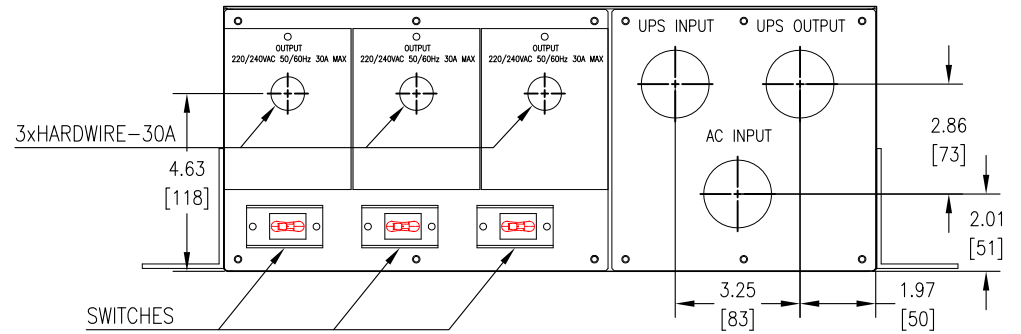


FRONT VIEW

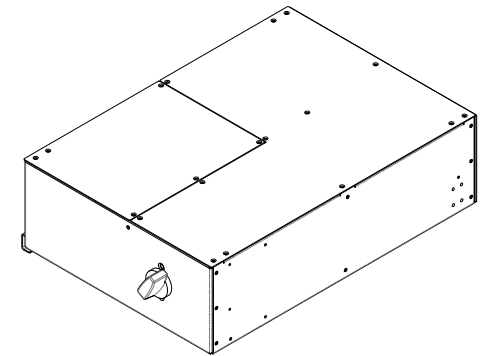
BRACKET
(RACK MOUNTING)

SIDE VIEW

CLEAT



REAR VIEW
(ENLARGED)



ISOMETRIC VIEW
(WITHOUT MOUNTING BRACKETS)

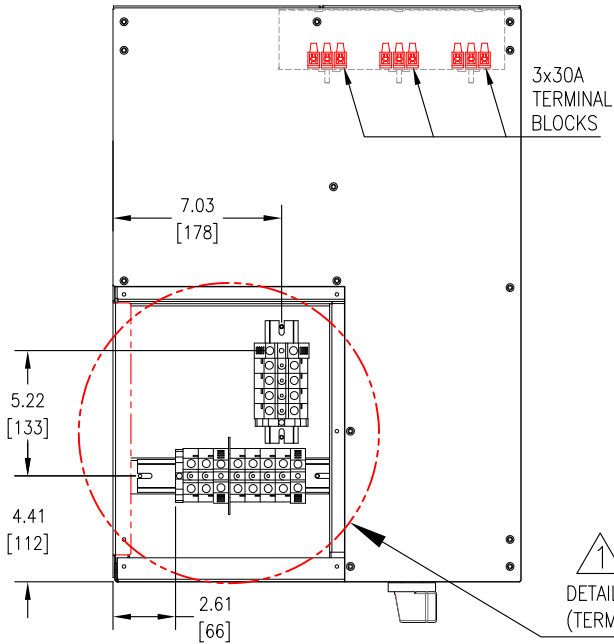
NOTES:

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.

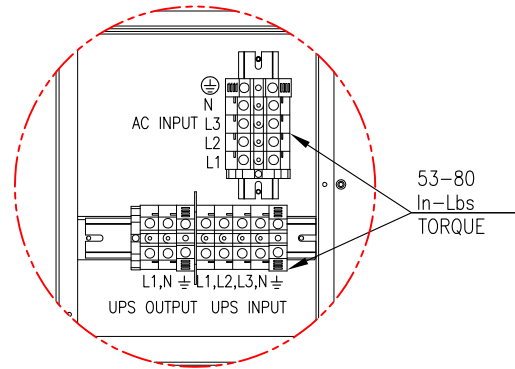
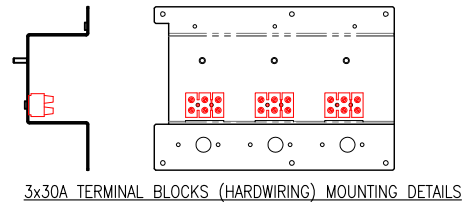
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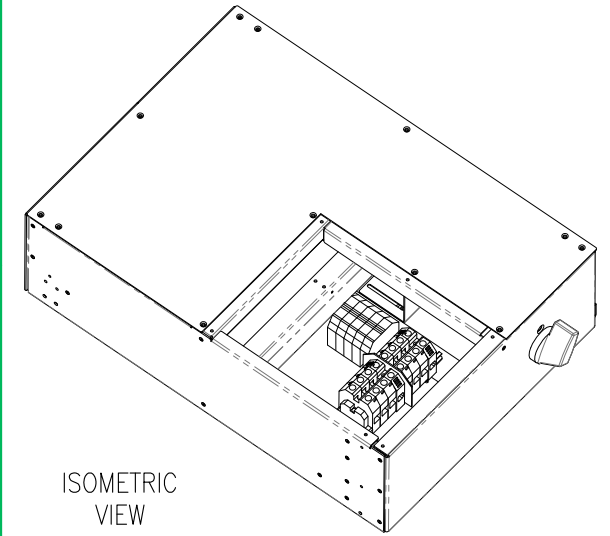
TITLE:	MAINTENANCE BYPASS PANEL INPUT: HARDWIRE, 230V, 1ø/3ø, 100A, MBB OUTPUT: HARDWIRE, 3ø/30A GENERAL MECHANICAL LAYOUT	DWG NO:	SBP16KRM14U	REV:	0
PROJECT:	STD PRODUCT DRAWINGS	APPROVED:	K.WHITE/B.McKENNA	ENGINEER:	D.DESRUJSE/ALX/N.WHITING
SHEET	1 OF 4	DATE:	28-JUN-12	DATE:	28-JUN-12
					THIRD ANGLE PROJECTION



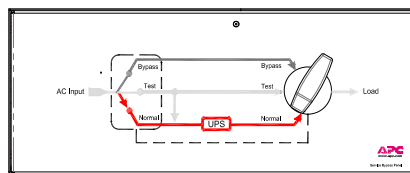
TOP VIEW



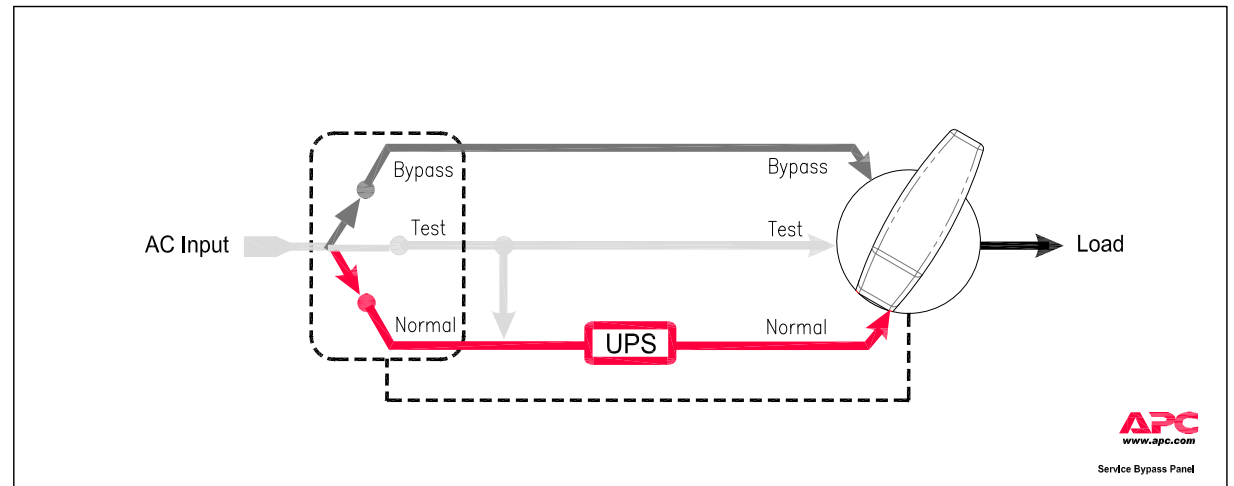
DETAIL-A
(TERMINAL BLOCK DETAILS)



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, 1 ϕ /3 ϕ , 100A, MBB
OUTPUT: HARDWIRE, 3 ϕ 30A
INTERNAL VIEWS & MIMIC DIAGRAM

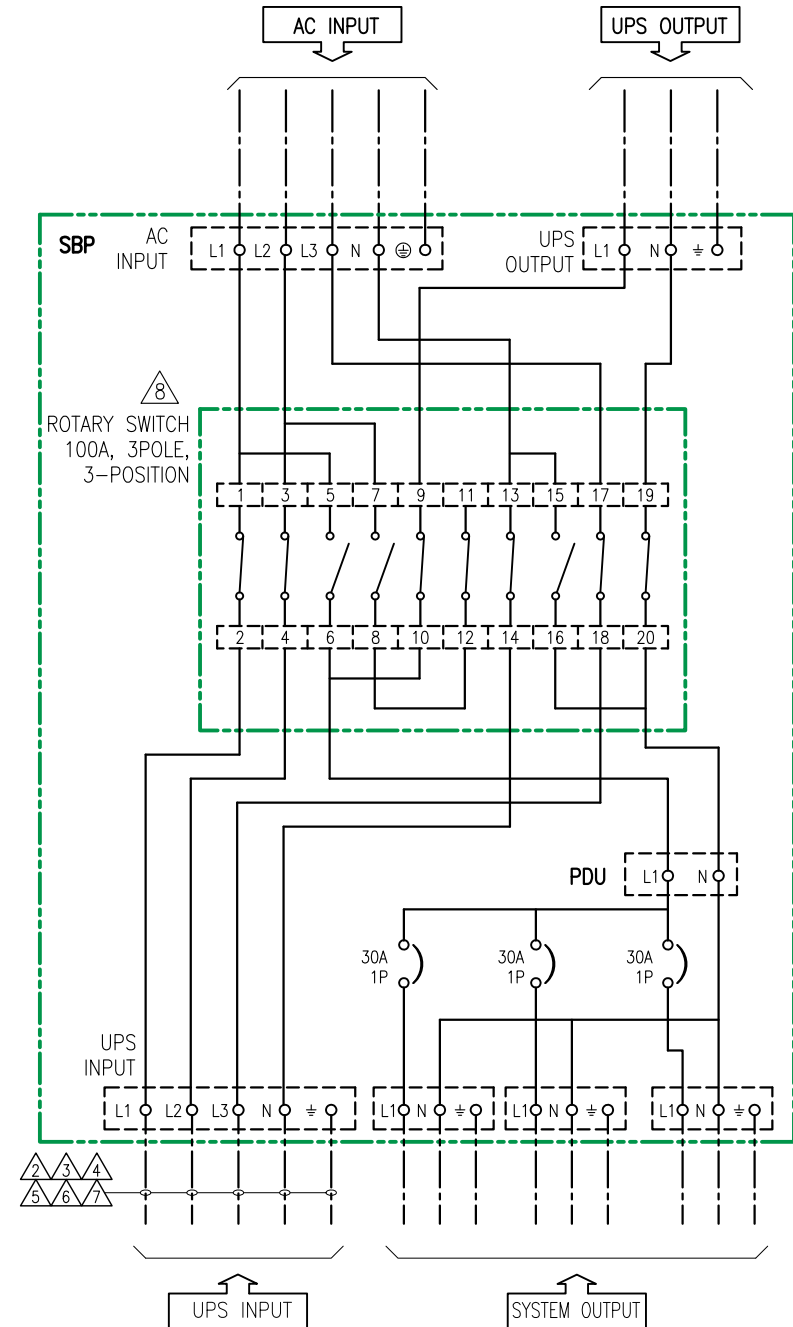
DWG NO: SBP16KRM14U REV: 0

DRAWN: K.NAGENDRA/M.CRAVEN 28-JUN-12 THIRD ANGLE

ENGINEER: D.DESRUJSSAUX/N.WHITING 28-JUN-12

APPROVED: K.WHITE/B.McKENNA 28-JUN-12 PROJECTION

PROJECT: STD PRODUCT DRAWINGS SHEET 2 OF 4



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

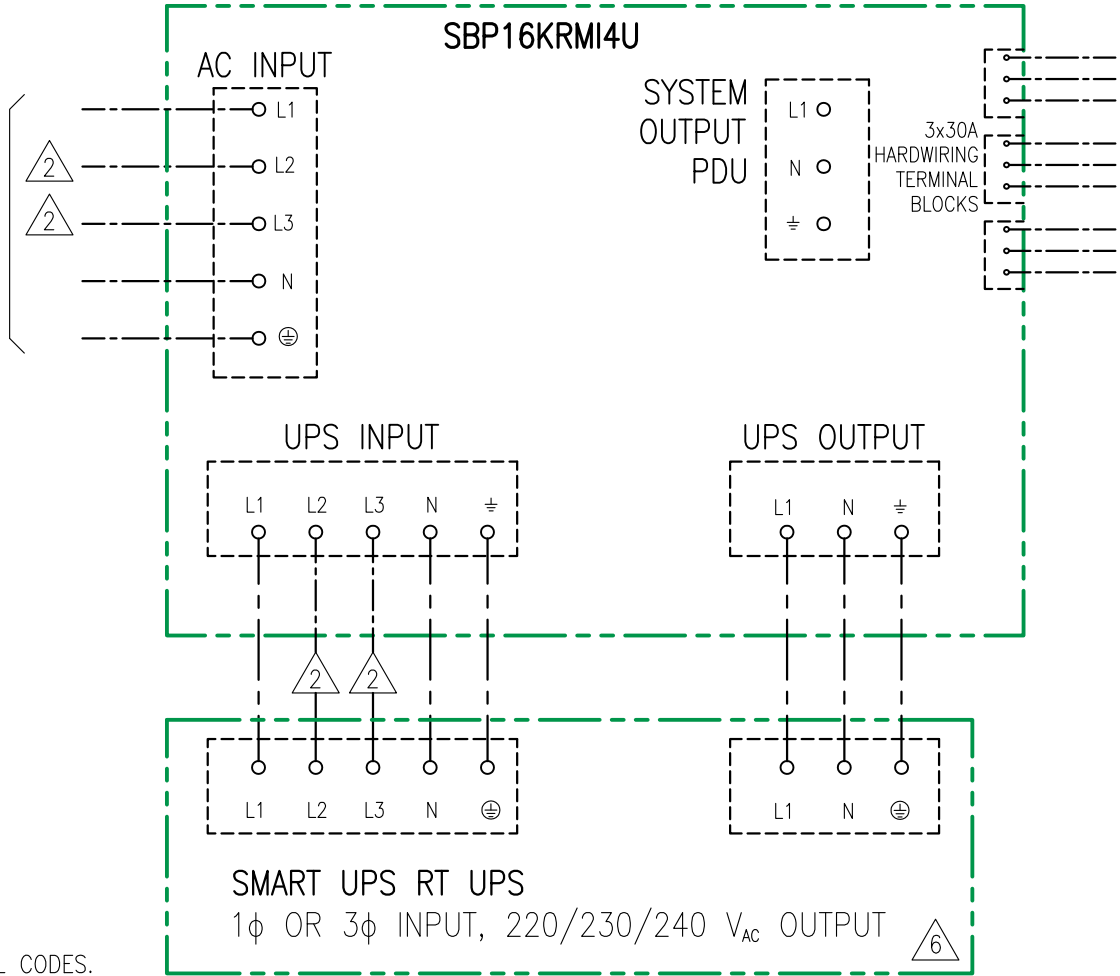
- MECHANICAL ENCLOSURE (MAIN ASSY.)
- MECHANICAL ENCLOSURE (SUBASSY.)
- TERMINAL BLOCK
- AC CABLING (PROVIDED BY OTHERS)

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TITLE: MAINTENANCE BYPASS PANEL INPUT: HARDWIRE, 230V, 1φ/3φ 100A, MBB OUTPUT: HARDWIRE, 3φ/30A WIRING DIAGRAM		DWG NO: SBP16KRM14U	REV: 0
PROJECT: STD PRODUCT DRAWINGS	SHEET 3 OF 4	APPROVED: K.WHITE/B.McKENNA	PROJECTION
		DRAWN: K.NAGENDRA/M.CRAVEN	28-JUN-12
		ENGINEER: D.DESRUJISSEAUX/N.WHITING	28-JUN-12
			THIRD ANGLE

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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TITLE: MAINTENANCE BYPASS PANEL INPUT: HARDWIRE, 230V, 1φ/3φ, 100A, MBB OUTPUT: HARDWIRE, 3x30A TYPICAL CONNECTION DIAGRAM		DWG NO: SBP16KRM14U	REV: 0
PROJECT: STD PRODUCT DRAWINGS	SHEET 4 OF 4	DRAWN: K.NAGENDRA/M.CRAVEN ENGINEER: D.DESRUJISSEAUX/N.WHITING	28-JUN-12 28-JUN-12 THIRD ANGLE PROJECTION
APPROVED: K.WHITE/B.McKENNA		28-JUN-12	