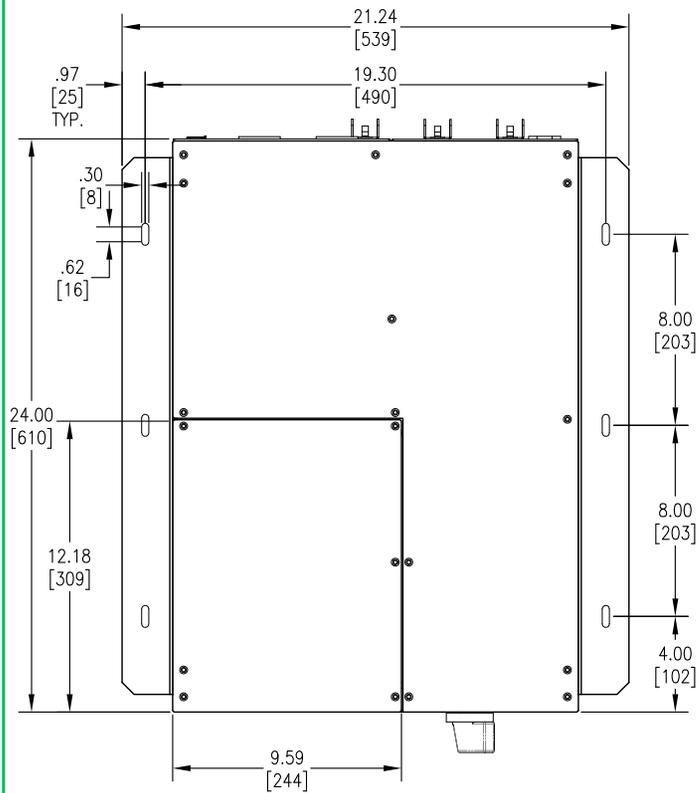
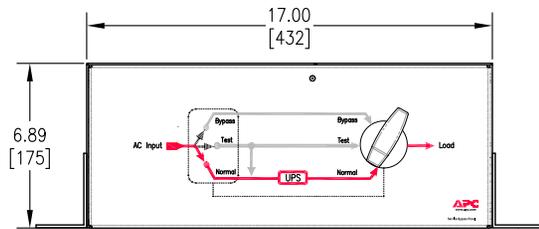


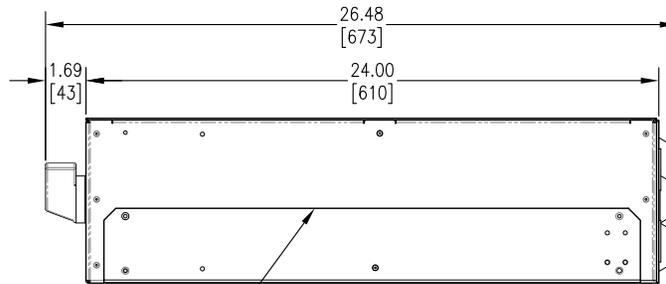
WITH WALL MOUNTING BRACKET



TOP VIEW



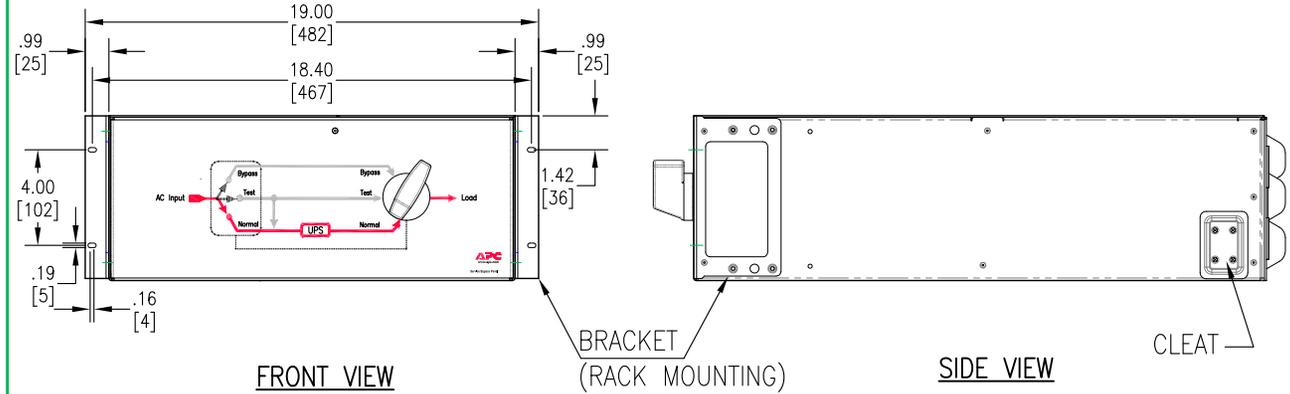
FRONT VIEW



BRACKET
(WALL MOUNTING)

SIDE VIEW

WITH RACK MOUNTING BRACKET

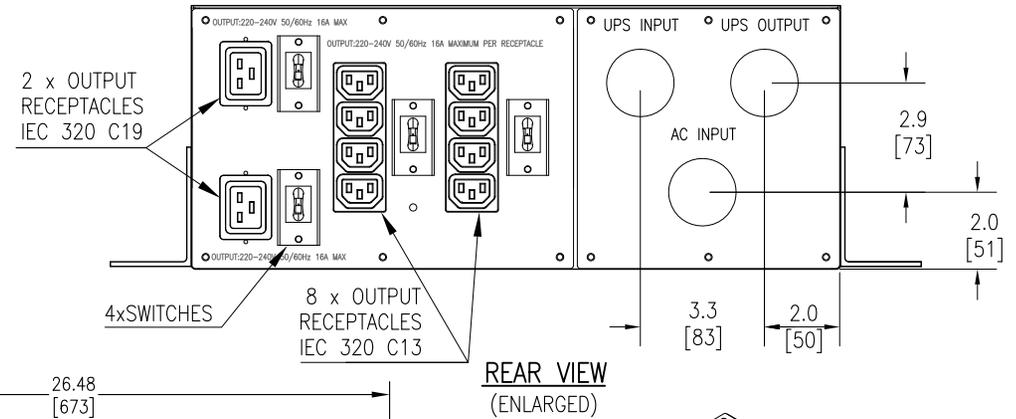


FRONT VIEW

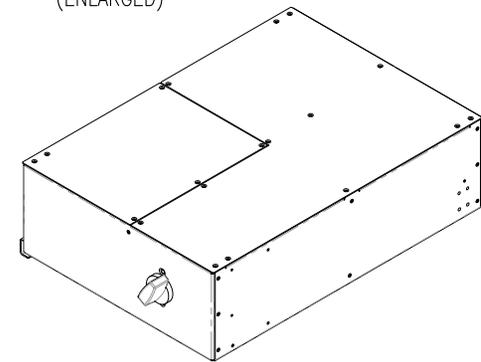
BRACKET
(RACK MOUNTING)

SIDE VIEW

CLEAT



REAR VIEW
(ENLARGED)



ISOMETRIC VIEW
(WITHOUT MOUNTING BRACKETS)

NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
3. WEIGHT OF UNIT IS 46 LBS [20.91kg]
4. CABLE ENTRY IS FROM REAR SIDE OF THE UNIT.

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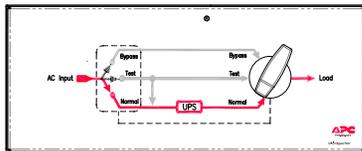
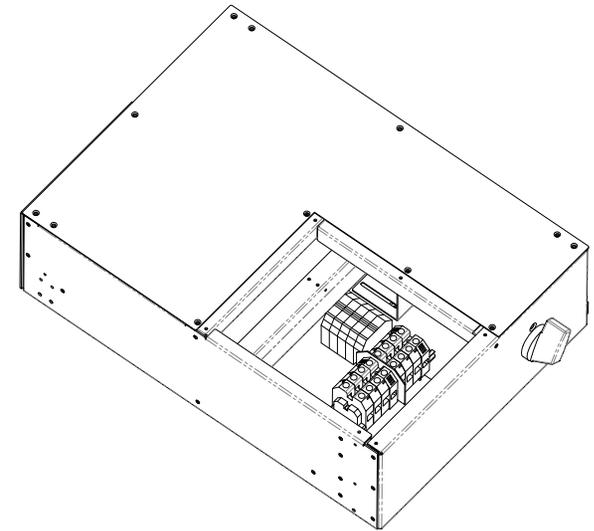
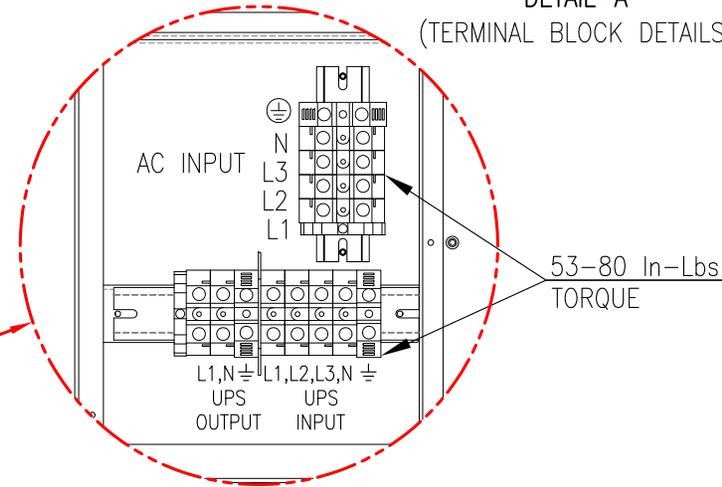
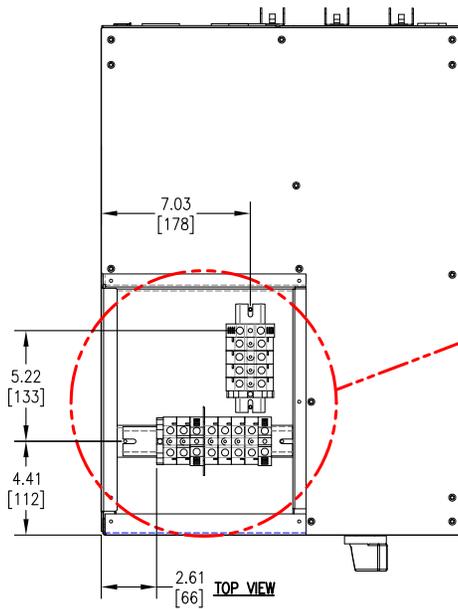
Schneider Electric

TITLE:
MAINTENANCE BYPASS PANEL
INPUT: HARDWIRE 230V 1ø/3ø 100A MBB
OUTPUT: IEC 320-(8)C13 & (2)C19
GENERAL MECHANICAL LAYOUT

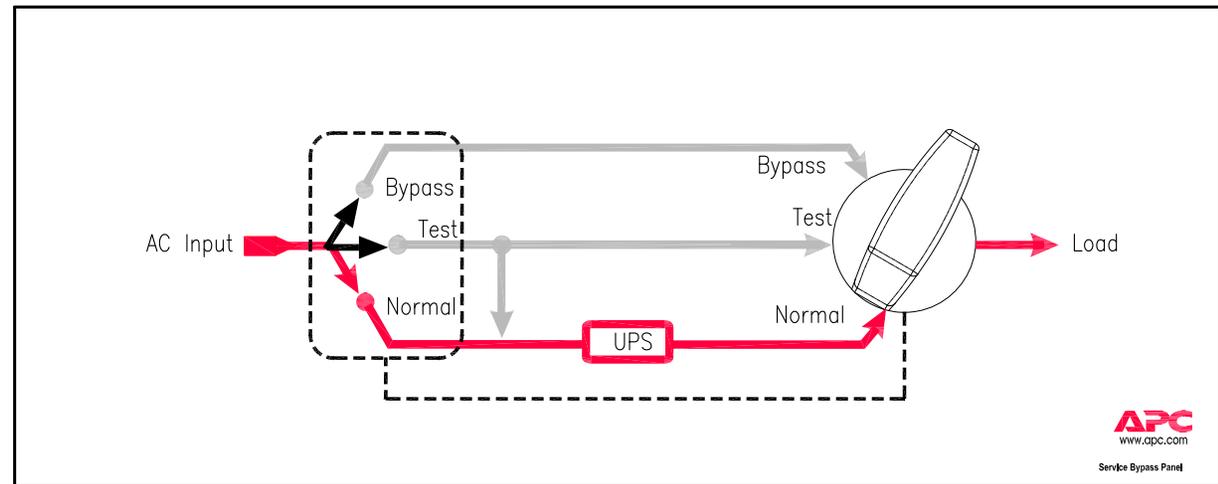
DWG NO: SBP10KRM14U
REV: 0
DRAWN BY: K NAGENDRA/M CRAVEN 13-JUN-12
ENGINEER: D DESRUISSEAUX/N WHITING 13-JUN-12
APPROVED BY: K WHITE/B MCKENNA 13-JUN-12

THIRD ANGLE PROJECTION

DETAIL-A
(TERMINAL BLOCK DETAILS)



FRONT VIEW



POWER FLOW DIAGRAM

- NOTES:
1. INSTALLATION MUST COMPLY WITH ALL APPLICABLE NATIONAL, STATE 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: IEC 320-(8)C13 & (2)C19
INTERNAL VIEWS

PROJECT: STD. PRODUCT DRAWINGS SHEET 2 OF 4

DWG NO: SBP10KRM14U REV: 0

DRAWN BY: K NAGENDRA/M CRAVEN 13-JUN-12

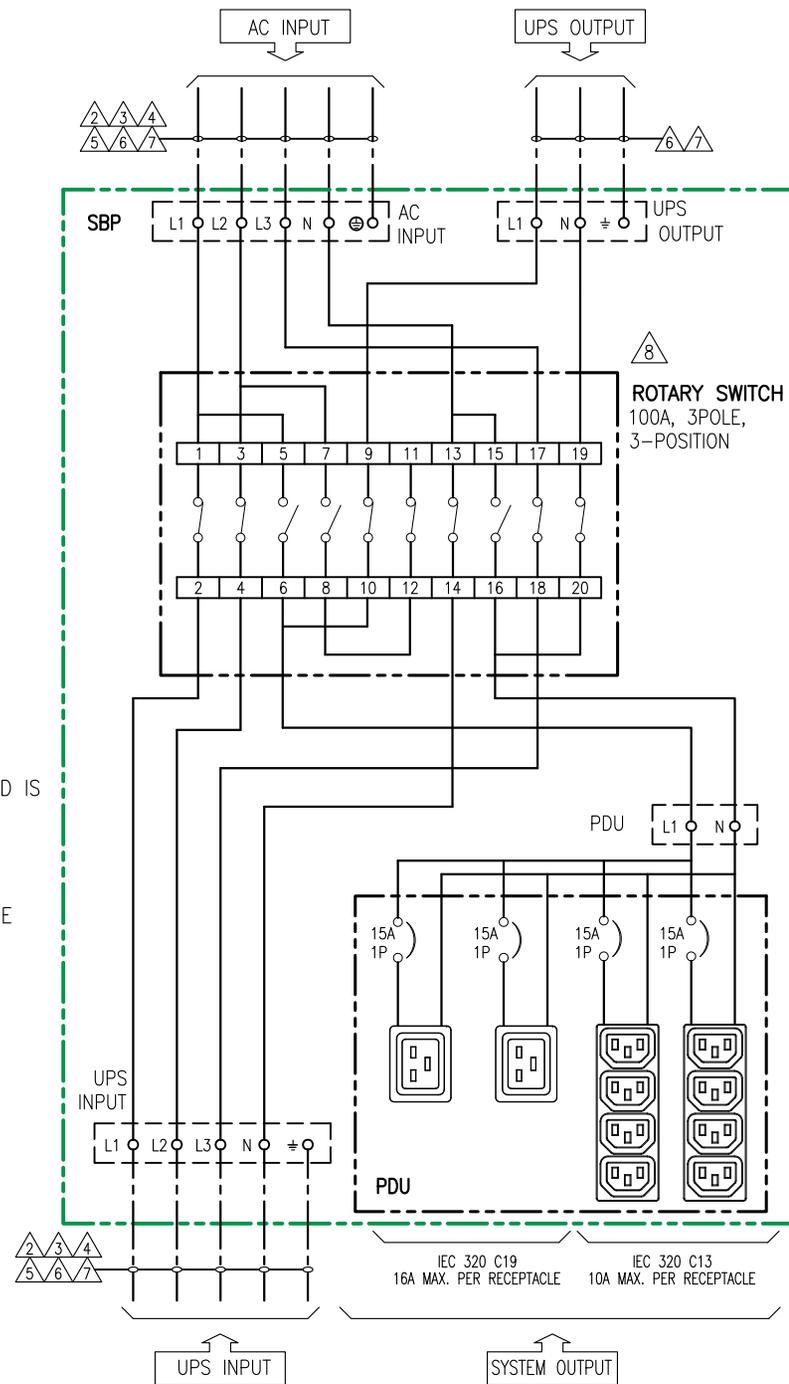
ENGINEER: D DESRUISSEAU/N WHITING 13-JUN-12

APPROVED BY: K WHITE/B MCKENNA 13-JUN-12

THIRD ANGLE PROJECTION



Service Bypass Panel



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: IEC 320-(8)C13 & (2)C19
 WIRING DIAGRAM

DWG NO: SBP10KRM14U

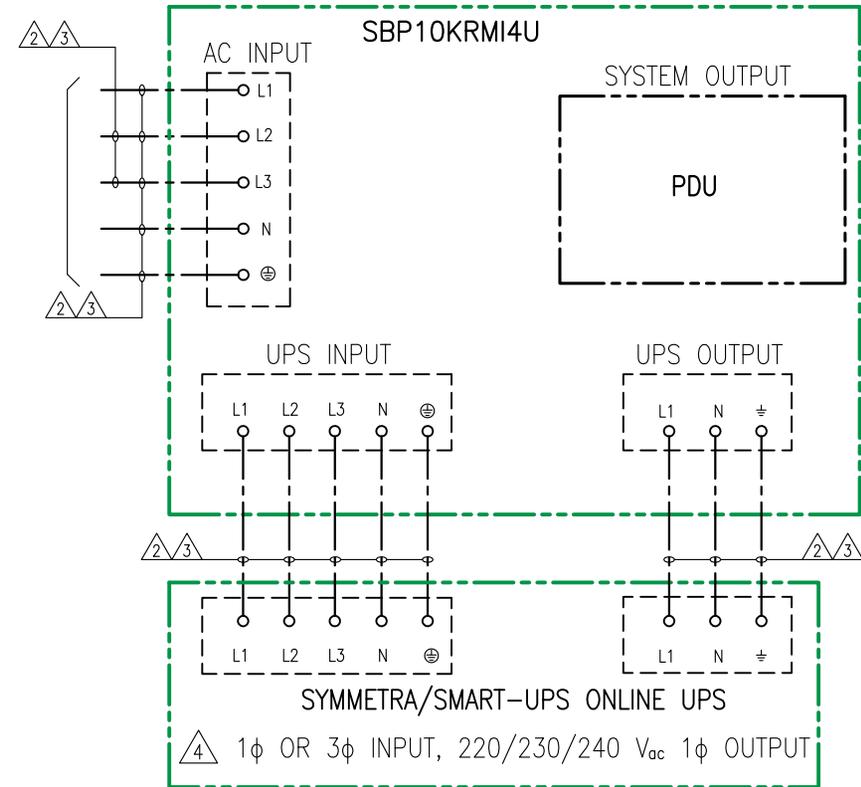
REV. 0

PROJECT: STD PRODUCT DRAWINGS | SHEET 3 OF 4

DRAWN BY: K NAGENDRA/M CRAVEN 13-JUN-12
 ENGINEER: D DESJUSSEAUX/N WHITING 13-JUN-12
 APPROVED BY: K WHITE/B MCKENNA 13-JUN-12

THIRD ANGLE PROJECTION

TYPICAL CONNECTION DIAGRAM



NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL AND LOCAL CODES.
- △ 2. ALL AC POWER CABLING EITHER 5W, 3φ+N+G OR 3W, 1φ+N+G, 220/230/240V V_{ac}.
- △ 3. FOR 3φ SOURCE, 220/230/240V ALL CONNECTIONS ARE USED L1, L2, L3, N, & G.
FOR 1φ SOURCE, 220/230/240V ALL CONNECTIONS ARE USED EXCEPT L2 & L3
- △ 4. TYPICAL 1φ OUTPUT UPS

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Schneider Electric

TITLE:
MAINTENANCE BYPASS PANEL
INPUT: HARDWIRE, 230V, 1φ/3φ, 100A, MBB
OUTPUT: IEC 320-(8)C13 & (2)C19
CONNECTION DETAILS

PROJECT: STD PRODUCT DRAWINGS | SHEET 4 OF 4

DWG NO: SBP10KRM14U

DRAWN BY: K NAGENDRA/M CRAVEN | 13-JUN-12

ENGINEER: D DESRUISSEAU/N WHITING | 13-JUN-12

APPROVED BY: K WHITE/B MCKENNA | 13-JUN-12

REV. 0

THIRD

ANGLE

PROJECTION