

TECHNICAL SPECIFICATIONS	
UNIT TYPE:	MONITORED & SWITCHED PER OUTLET
ORIENTATION:	VERTICAL, 0U
OUTLET QTY & TYPE:	(24)C13/C15, (24)C13/C15/C19
INPUT VOLTAGE:	208VAC
INPUT CURRENT:	30A (24A DERATED)
BREAKER QTY & TYPE:	(3) 20AMP, DOUBLE-POLE
INPUT PHASE:	THREE-PHASE, WYE/DELTA
RATED POWER:	8.6kVA
INPUT PLUG:	SEE NOTE 7
INPUT POWER CORD:	SEE IDENTIFICATION TABLE
FEATURES	
METERING ACCURACY	+/-1% TO ISO/ IEC 62052-21
METERING ATTRIBUTES	VOLTAGE(V), CURRENT(A), APPARENT POWER(kVA), REAL POWER(kW), POWER FACTOR, ENERGY(kWh)
METERED COMPONENTS	INPUT(PHASE), CIRCUIT BREAKERS,OUTLETS
REMOTE OUTLET SWITCHING	YES
ENVIRONMENTAL CONDITIONS	
OPERATING TEMPERATURE	-5 TO 60 C (23 TO 140 F)
STORAGE TEMPERATURE	-20 TO 60 C (-4 TO 140 F)
HUMIDITY (OPERATING/STORAGE)	5-90% RH / 5-95% RH; NON-CONDENSING
MAX OPERATING ELEVATION, ABOVE MSL	3000M(9840FT)
COMPLIANCE	
SAFETY&ENVIRONMENTAL	RoHS COMPLIANT

IDENTIFICATION TABLE	RP 6851	*	*	*	*
MODEL IS SHOWN IN DEFAULT CONFIGURATION. FOR OPTIONAL CONFIGURATIONS, USE ITEM IDENTIFIER CODE IN PLACE OF EACH ASTERISK. ORDERABLE BASED ON FORMAT: RP6851**** DO NOT INCLUDE TRAILING ZEROS IN **** SUFFIX		INPUT PLUG (DEFAULT) L21-30P = 0 L15-30P = S	CHASSIS COLOR (DEFAULT) BLACK = 0 BLUE = B RED = R WHITE = W GREEN = G YELLOW = Y	CORD OPTION (DEFAULT) 1.8m [6'] = 0 1m [3.2'] = 1 2m [6.6'] = 2 3m [10'] = 3	ORIENTATION (DEFAULT) TOP FEED = 0 BOTTOM FEED = 2
OPTIONS LISTED ON THIS ROW ARE NON STANDARD, CONTACT SALES FOR ADDITIONAL INFORMATION			ORANGE = A	0.5m [1.6'] = A 1.2m [4'] = G 1.5m [4.9'] = B 1.8m [6'] = F 2.5m [8.2'] = C	

- NOTES :
- INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
 - PRIMARY DIMENSIONS ARE IN MILLIMETERS. SECONDARY DIMENSIONS ARE IN [INCHES]
 - UNIVERSAL MOUNTING BRACKET IS AN ALTERNATIVE MOUNTING METHOD TO THE TOOLLESS MOUNT FOR 3RD PARTY ENCLOSURES. BRACKET IS PROVIDED WITH THE UNIT.
 - DETAILED INSTALLATION INSTRUCTIONS CAN BE FOUND IN THE QUICK START GUIDE
 - CONNECT EXTERNAL EARTH GROUND TO THE 10-32 SIZE THREADED NUT
 - SEE PRODUCT DOCUMENTATION FOR FURTHER INFORMATION
 - INPUT PLUG CONFIGURATION (SEE IDENTIFICATION TABLE) FOR DUAL-RATED UNITS, NEMA PLUGS ARE NAM RATED ONLY AND CAPTIVE AUS/NZ PLUGS ARE EMEA RATED ONLY

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ECN/ECO	REV.	DESCRIPTION	DATE	APPROVED
ECN-2210-0226	E3	REVISE METER ACCURACY AND ATTRIBUTES CONTENT	2022/10/08	LRF
CIS-PEC-2209-0042	E2	ADD AGENCY LABEL FOR L15	2022/09/01	Leo Liu
	E1	INITIAL DRAFT REVIEW	2022/04/07	LRF

TITLE : Advantage Series Metered&Switched per outlet

PROJECT : RackPower

UNLESS NOTED, DIMENSIONS ARE IN MILLIMETERS & TOLERANCES ARE:
 X ±1 MM X° ±1°
 X.X ±0.5 MM X.X° ±0.5°
 X ±0.20 MM
 Ø X.X ±0.3 MM
 Ø X.XX ±0.10 MM

BRACKETED DIMENSIONS ARE IN INCHES FOR REFERENCE ONLY

⊕ ⊖ THRID ANGLE PROJECTION
 INTERPRET PER ASME Y14.5M-1994

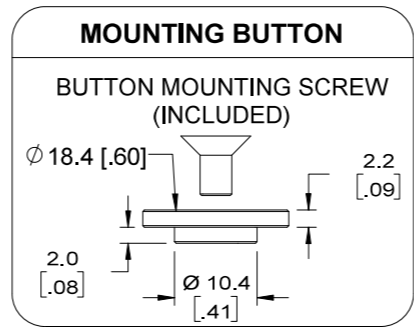
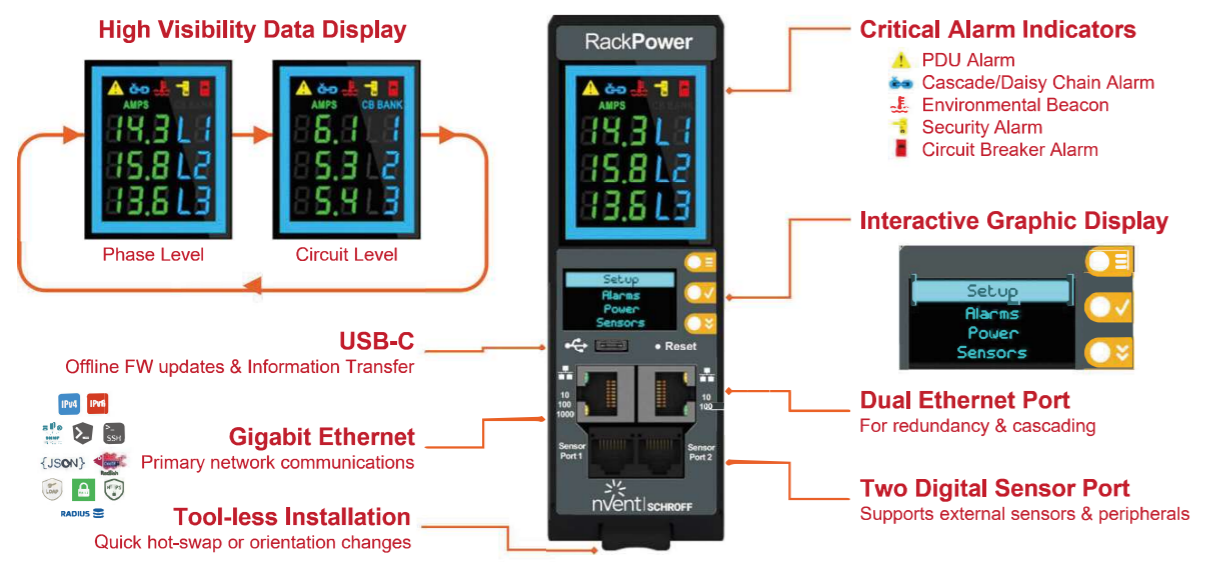
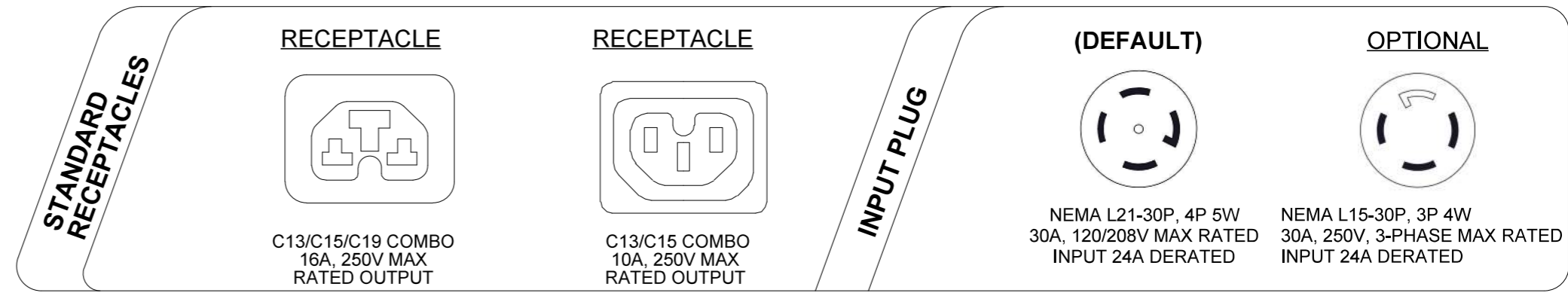
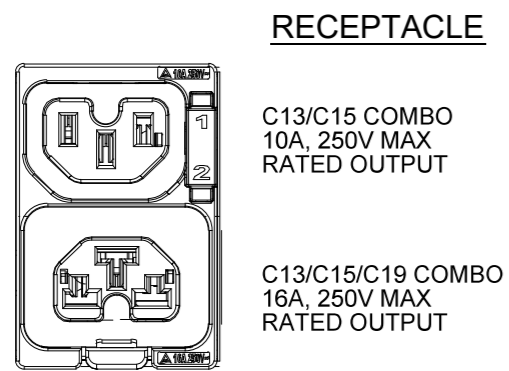
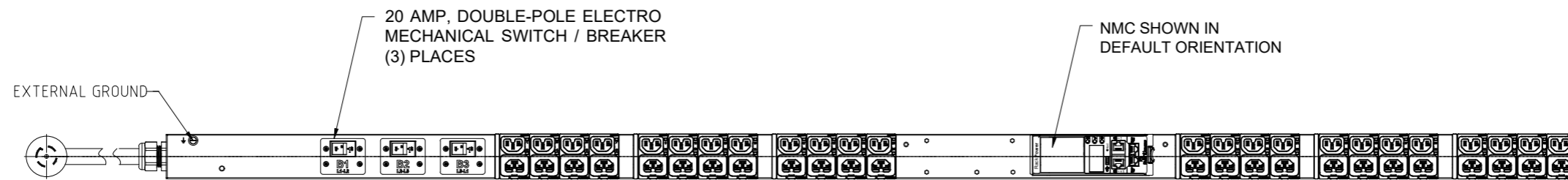
PART NO: RP6851WXYZ_DA
REV.: E3

DRAWN BY: LRF
ENGINEER: LJB
APPROVED BY: Hanson

2022/04/07
 2022/10/08
 2022/10/08

SCALE: N/A

SHEET 1 OF 3
 SIZE: A3



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REVISIONS				
TITLE:	Advantage Series Metered & Switched per outlet	UNLESS NOTED, DIMENSIONS ARE IN MILLIMETERS & TOLERANCES ARE: X. ±1 MM X.X ±0.5 MM X.XX ±0.20 MM Ø X.X ±0.3 MM Ø X.XX ±0.10 MM BRACKETED DIMENSIONS ARE IN INCHES FOR REFERENCE ONLY ⊕ THRID ANGLE PROJECTION INTERPRET PER ASME Y14.5M-1994	PART NO: RP6851WXYZ_DA	REV. E3
PROJECT:	RackPower		SCALE: N/A	SHEET 2 OF 3
				SIZE: A3

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NOTES:

- INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
- SEE PRODUCT DOCUMENTATION FOR FURTHER INFORMATION

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RackPower Distribution Unit
 Metered&Switched per outlet
 Made In XXXXX

SKU #: RP6851WXYZ
 Model #: EP166024-0062-C
 INPUT: 100-120/200-240VAC, WYE, 50/60Hz, 24A
 OUTPUT: C13/C15 COMBO; 200-240VAC, 10A per outlet
 C13/C15/C19 COMBO; 200-240VAC, 16A max per outlet
 24A Total
 MAC0 Address:XX-XX-XX-XX-XX-XX
 MAC1 Address:XX-XX-XX-XX-XX-XX

FC SP US 300805

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:
 (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION. CAN ICES-3(A)/NMB-3(A)

SKU#: RP6851WXYZ
 Serial Number
 XXXXXXXX
 PRODUCT CODE
 XXXXX

Input Plug: L21-30P

nvent | SCHROFF
RackPower Distribution Unit
 Metered&Switched per outlet
 Made In XXXXX

SKU #: RP6851WXYZ
 Model #: EP164024-0062-C
 INPUT: 200-240VAC, DELTA, 3PHASE, 50/60Hz, 24A
 OUTPUT: C13/C15 COMBO; 200-240VAC, 10A per outlet
 C13/C15/C19 COMBO; 200-240VAC, 16A max per outlet
 24A Total
 MAC0 Address:XX-XX-XX-XX-XX-XX
 MAC1 Address:XX-XX-XX-XX-XX-XX

FC SP US 300805

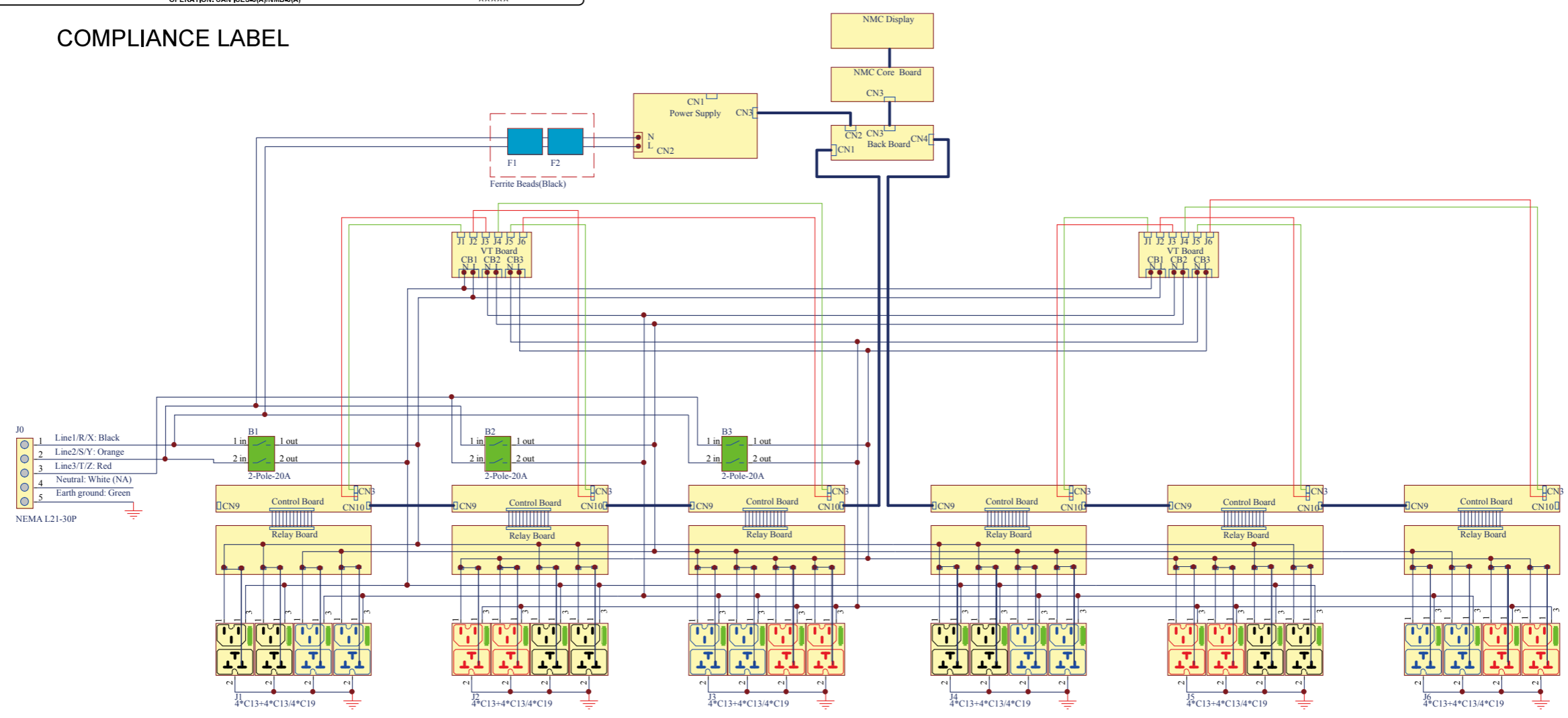
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SKU#: RP6851WXYZ
 Serial Number
 XXXXXXXX
 PRODUCT CODE
 XXXXX

Input Plug: L15-30P

- NOTES:
 1. INTERNAL WIRING WIRE TYPE: UL AWM 1015, 12 & 18 AWG
 LINE 1/R/X COLOR: Black
 LINE 2/S/Y COLOR: Orange
 LINE 3/T/Z COLOR: Red
 NEUTRAL COLOR: White (NA)
 EARTH GROUND COLOR: Green
 2. FOR FINISHED GOOD PART NUMBER SEE IDENTIFICATION

COMPLIANCE LABEL



INTERNAL WIRING SCHEMATIC DIAGRAM

- NOTES:
 1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
 2. SEE PRODUCT DOCUMENTATION FOR FURTHER INFORMATION
 3. THIS DRAWING DEPICTS THE POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF THE PHYSICAL LAYOUT. PLEASE REFER TO MECHANICAL DRAWINGS FOR PHYSICAL LAYOUT.

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PROJECT:	RackPower		REV.:	E3
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X. ±1 MM X° ±1°		ENGINEER: LJB 2022/10/08		
X.X ±0.5 MM X.X° ±0.5°		APPROVED BY: Hanson 2022/10/08		
X.XX ±0.20 MM		SCALE: N/A		
Ø X.X ±0.3 MM		SHEET 3 OF 3		
Ø X.XX ±0.10 MM		SIZE: A3		
BRACKETED DIMENSIONS ARE IN INCHES FOR REFERENCE ONLY				
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