

DESIGN (PDU)
ENGINEERING

TECHNICAL SPECIFICATIONS	
UNIT TYPE:	MONITORED & SWITCHED PER OUTLET
ORIENTATION:	VERTICAL, 0U FULL
OUTLET QTY & TYPE:	(21)C13/C15 LOCKING, (21)C13/C15/C19 LOCKING
INPUT VOLTAGE:	208VAC
INPUT CURRENT:	30A (24A DERATED)
BREAKER QTY & TYPE:	(3) 20AMP, DOUBLE-POLE, 5KAIC
INPUT PHASE:	THREE-PHASE, DELTA
RATED POWER:	8.6 KVA
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	EN6881-*	* INPUT PLUG	* CHASSIS COLOR	* CORD OPTION	* ORIENTATION
MODEL IS SHOWN IN DEFAULT CONFIGURATION. FOR OPTIONAL CONFIGURATIONS, USE ITEM IDENTIFIER CODE IN PLACE OF EACH ASTERISK. ORDERABLE BASED ON FORMAT: EN 6881-****		(DEFAULT) L21-30P = 0 L15-30P = S	(DEFAULT) BLACK = 0 RED = R GREEN = G BLUE = B WHITE = W YELLOW = Y	(DEFAULT) 1.8m [6'] = 0 1m [3.2'] = 1 2m [6.6'] = 2 3m [10'] = 3	(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 1.5m [4.9'] = B 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

ECN/ECO	REV.	DESCRIPTION	DATE	APPROVED
	E1	INITIAL DRAFT REVIEW	2022/08/12	Leo Liu

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TITLE : Advantage Series Metered & Switched per outlet

PROJECT : enLOGIC

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

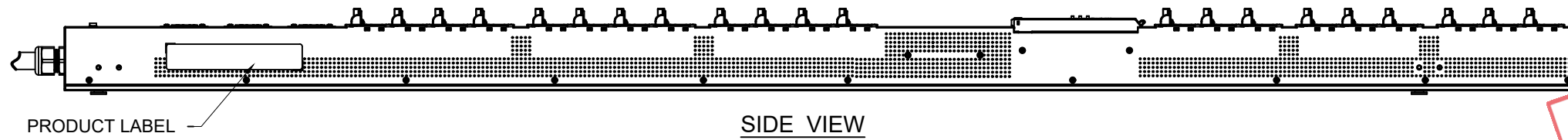
⊕ THRID ANGLE PROJECTION
 INTERPRET PER ASME Y14.5M-1994

PART NO: EN6881-WXYZ_DA	REV.: E1
DRAWN BY: Leo Liu	2022/08/12
ENGINEER: Luo Jingbo	2022/08/12
APPROVED BY: Hanson	2022/08/12

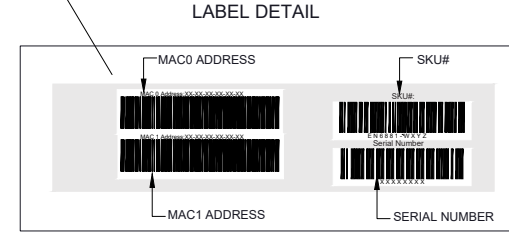
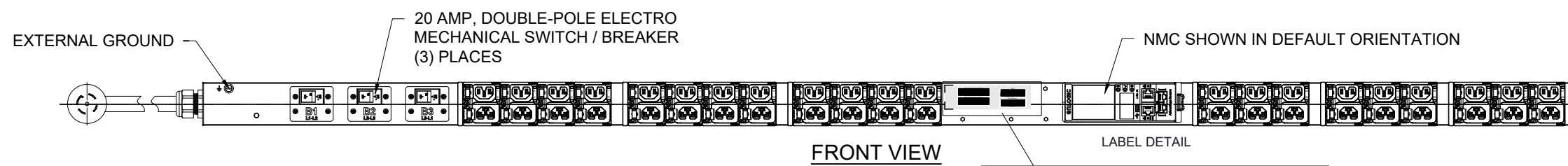
SCALE : N/A

SHEET 1 OF 3

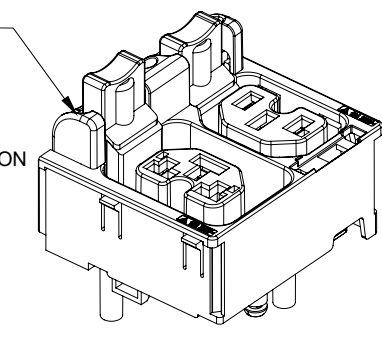
SIZE: A3



DESIGN (PDU)
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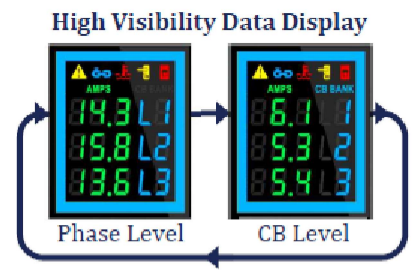


FULLY DEPRESS RELEASE BUTTON PRIOR TO INSTALLING PLUG FOR EASIEST INSTALL
(PLUG CAN ALSO BE INSERTED WITHOUT DEPRESSING RELEASE BUTTON)
TO UNLOCK, FULLY DEPRESS RELEASE BUTTON AND REMOVE PLUG



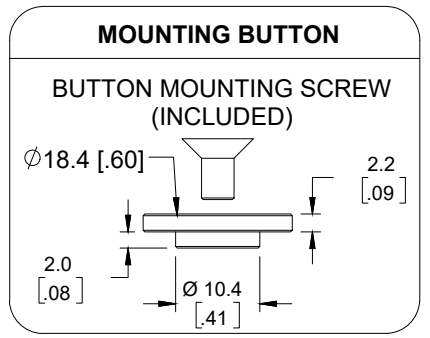
LOCKING COMBO OUTLET

STANDARD RECEPTACLES	RECEPTACLE	INPUT PLUG	(DEFAULT)	OPTIONAL
	IEC 60320 C13, C15 MAX RATED OUTPUT 10A, 250V			
	IEC 60320 C13, C15, C19, C21 MAX RATED OUTPUT 16A, 250V			
			NEMA L21-30P, 4P 5W 30A, 120/208V MAX RATED INPUT 24A DERATED	NEMA L15-30P, 3P 4W 30A, 250V, 3-PHASE MAX RATED INPUT 24A DERATED



- Critical Alarm Alerts**
- ▲ PDU Alarm
 - Cascade Error
 - Environmental Alarm
 - Security Alarm
 - Circuit Breaker Alarm
- Source Color Coding (User Selected Option)**
-
- User Interactive Display (for setup and detailed information)**
- 10/100 Ethernet Port (for redundancy and Ethernet cascading)**
- Digital Sensor Port 2**

- USB-C (upgrades, connectivity, and future-proof expansion)
- 10/100/Gigabit Ethernet Port (primary network port)
- Digital Sensor Port 1 (supports up to 8 physical sensors)



NOTES :

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

enLOGIC by nVent

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ECN/ECO	REV.	DESCRIPTION	DATE	APPROVED
	E1	INITIAL DRAFT REVIEW	2022/08/12	Leo Liu
REVISIONS				
TITLE :		UNLESS NOTED, DIMENSIONS ARE IN MILLIMETERS & TOLERANCES ARE:		PART NO:
PROJECT :		X ±1 MM X° ±1°		EN6881-WXYZ_DA
		X.X ±0.5 MM X.X° ±0.5°		DRAWN BY: Leo Liu
		X ±0.20 MM		ENGINEER: Luo Jingbo
		Ø X.X ±0.3 MM		APPROVED BY: Hanson
		Ø X.XX ±0.10 MM		2022/08/12
		BRACKETED DIMENSIONS ARE IN INCHES FOR REFERENCE ONLY		SCALE : N/A
		THIRD ANGLE PROJECTION		SHEET 2 OF 3
		INTERPRET PER ASME Y14.5M-1994		SIZE: A3

enLOGIC RACK Power Distribution Unit **Metered&Switched per outlet** Made In XXXXX

SKU #: EN6881-WXYZ
 Model #: EP166024-0071-L
 INPUT: 100-120/200-240VAC, WYE, 3PHASE, 50/60Hz, 24A
 OUTPUT: C13/C15 LOCKING; 200-240VAC, 10A per outlet
 C13/C15/C19 LOCKING; 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 C 300805 US

Serial Number: EN6881-WXYZ
 XXXXXX X X X X

Input Plug: L21-30P

enLOGIC RACK Power Distribution Unit **Metered&Switched per outlet** Made In XXXXX

SKU #: EN6881-SXYZ
 Model #: EP164024-0071-L
 INPUT: 200-240VAC, DELTA, 3PHASE, 50/60Hz, 24A
 OUTPUT: C13/C15 LOCKING; 200-240VAC, 10A per outlet
 C13/C15/C19 LOCKING; 200-240VAC, 16A max per outlet
 24A Total

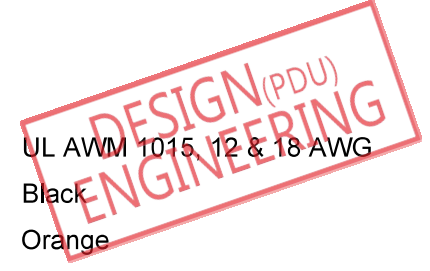
MAC0 Address:XX-XX-XX-XX-XX-XX
 MAC1 Address:XX-XX-XX-XX-XX-XX

FC C 300805 US

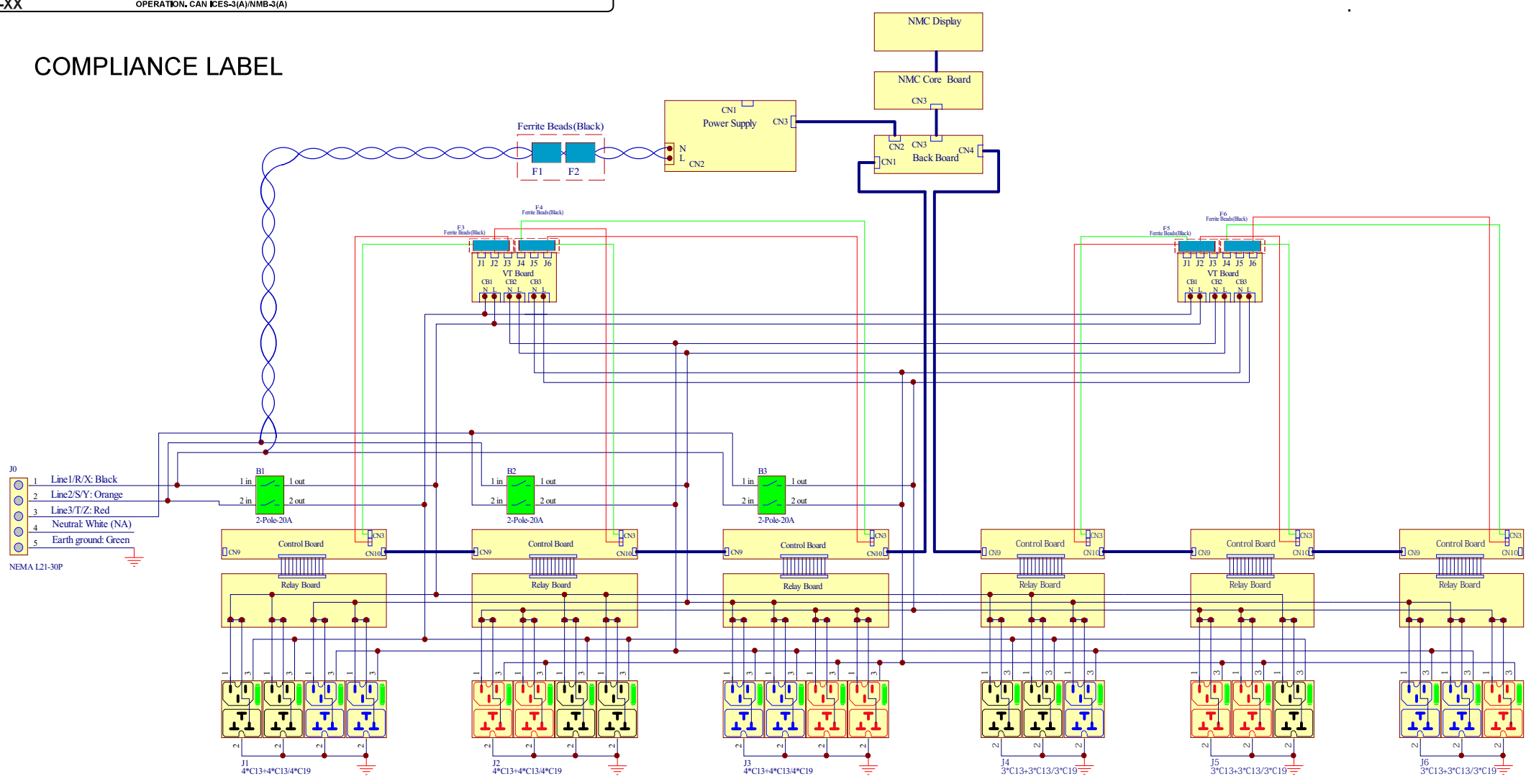
Serial Number: EN6881-SXYZ
 XXXXXX X X X X

Input Plug: L15-30P

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

enLOGIC by nVent

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ECN/ECO	REV.	DESCRIPTION	DATE	APPROVED
REVISIONS				
TITLE :		UNLESS NOTED, DIMENSIONS ARE IN MILLIMETERS & TOLERANCES ARE:	PART NO: EN6881-WXYZ_DA	
PROJECT : enLOGIC		X ±1 MM	X° ±1°	REV. E1
		X.X ±0.5 MM	X.X° ±0.5°	DRAWN BY: Leo Liu 2022/08/12
		X ±0.20 MM		ENGINEER: Luo Jingbo 2022/08/12
		Ø X.X ±0.3 MM		APPROVED BY: Hanson 2022/08/12
		Ø X.XX ±0.10 MM		
		BRACKETED DIMENSIONS ARE IN INCHES FOR REFERENCE ONLY		
		SCALE : N/A		
		SHEET 3 OF 3		
		SIZE: A3		
		INTERPRET PER ASME Y14.5M-1994		