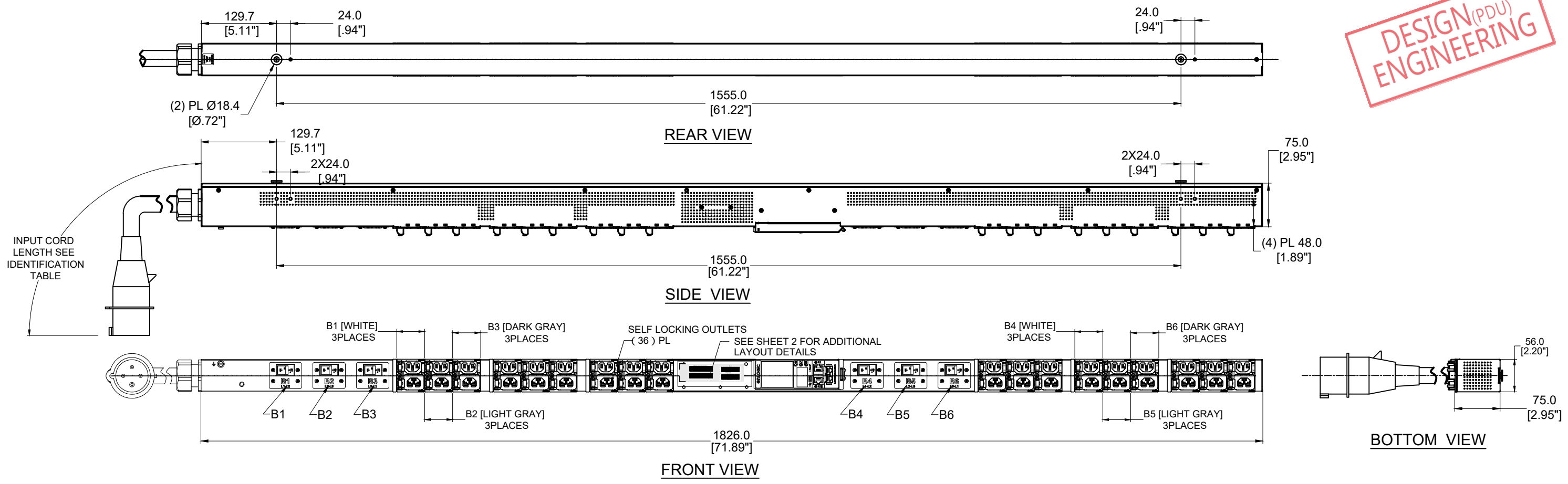



DESIGN (PDU)
ENGINEERING



TECHNICAL SPECIFICATIONS	
UNIT TYPE:	MONITORED SWITCHED
ORIENTATION:	VERTICAL, 0U FULL
OUTLET QTY & TYPE:	(18)C13/C15 LOCKING, (18)C13/C15/C19 LOCKING
INPUT VOLTAGE:	208VAC
INPUT CURRENT:	60A (48A DERATED)
BREAKER QTY & TYPE:	(6) 20AMP, DOUBLE-POLE, 5KAIC
INPUT PHASE:	THREE-PHASE, DELTA
RATED POWER:	17.3 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
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

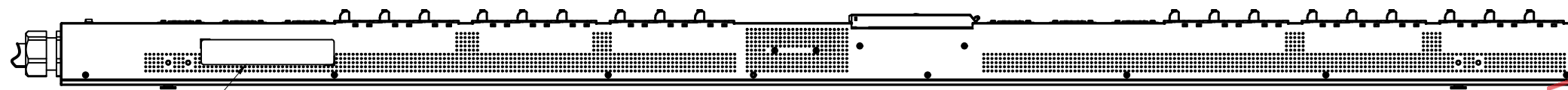
IDENTIFICATION TABLE	EN 2982-*	* INPUT PLUG	* CHASSIS COLOR	* CORD OPTION	* ORIENTATION
MODEL IS SHOWN IN DEFAULT CONFIGURATION. FOR OPTIONAL CONFIGURATIONS, USE ITEM IDENTIFIER CODE IN PLACE OF EACH ASTERISK. ORDERABLE BASED ON FORMAT: EN 2982-****		(DEFAULT) 460P9 (IP44) =0 460P9W (IP67) =Z	(DEFAULT) BLACK = 0 BLUE = B RED = R GREEN = G 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 1.2m [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



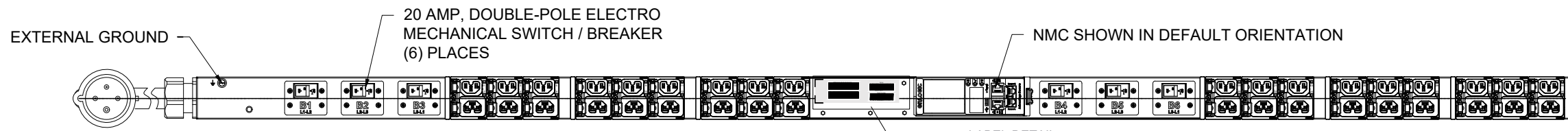
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ECN/ECO	REV.	DESCRIPTION	DATE	APPROVED
	E1	INITIAL DRAFT REVIEW	2022/07/28	Leo Liu
REVISIONS				
TITLE :		UNLESS NOTED, DIMENSIONS ARE IN MILLIMETERS & TOLERANCES ARE:		PART NO:
PROJECT :		X ±1 MM X° ±1° X.X ±0.5 MM X.X° ±0.5° X ±0.20 MM Ø X.X ±0.3 MM Ø X.XX ±0.10 MM		DRAWN BY: Leo Liu
enLOGIC		BRACKETED DIMENSIONS ARE IN INCHES FOR REFERENCE ONLY		ENGINEER: Luo Jingbo
		⊕ THRID ANGLE PROJECTION		APPROVED BY: Hanson
		INTERPRET PER ASME Y14.5M-1994		SCALE : N/A
				SHEET 1 OF 3
				SIZE: A3



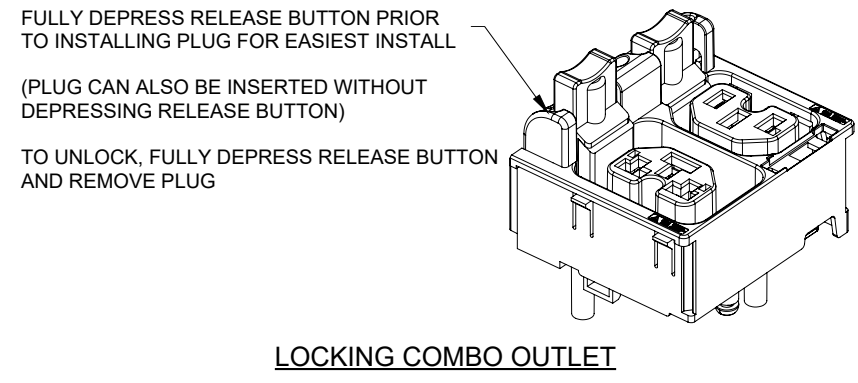
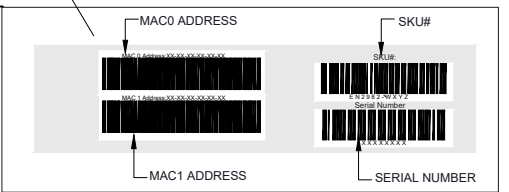
SIDE VIEW

DESIGN (PDU)
ENGINEERING



FRONT VIEW

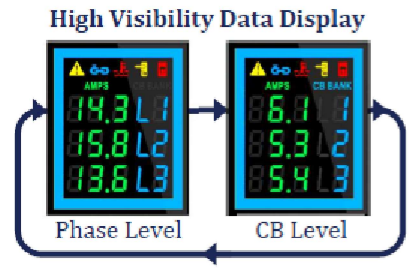
LABEL DETAIL



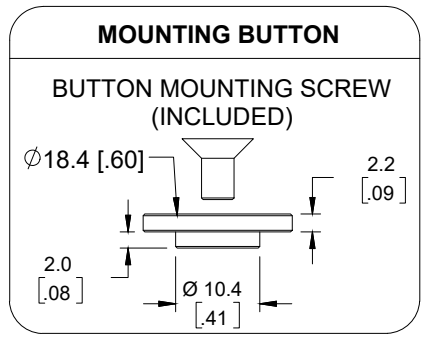
LOCKING COMBO OUTLET

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

RECEPTACLE		(DEFAULT)	OPTIONAL
STANDARD RECEPTACLES	IEC 60320 C13, C15 MAX RATED OUTPUT 10A, 250V	 IEC 60309, 3P 4W, 9H IP44 (SPLASHPROOF) 60A, 250V, 3-PHASE MAX RATED INPUT 48A DERATED	 IEC 60309, 3P 4W, 9H IP67 (WATERTIGHT) 60A, 250V, 3-PHASE MAX RATED INPUT 48A DERATED
	IEC 60320 C13, C15, C19, C21 MAX RATED OUTPUT 16A, 250V		
INPUT PLUG			



- 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)

	E1	INITIAL DRAFT REVIEW	2022/07/28	Leo Liu
ECN/ECO	REV.	DESCRIPTION	DATE	APPROVED

REVISIONS				
TITLE :	Advantage Series Metered Switched		PART NO:	EN2982-WXYZ_DA
PROJECT :	enLOGIC		DRAWN BY:	Leo Liu
			ENGINEER:	Luo Jingbo
			APPROVED BY:	Hanson
			SCALE :	N/A
			SHEET	2 OF 3
			SIZE:	A3

- 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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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

THIRD ANGLE PROJECTION

INTERPRET PER ASME Y14.5M-1994

enLOGIC

RACK Power Distribution Unit
Metered Switched

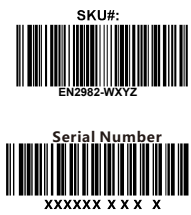
Made In XXXXX

SKU #: EN2982-WXYZ
Model #: EP124048-0065-L
INPUT: 200-240VAC, DELTA, 3PHASE, 50/60Hz, 48A
OUTPUT: C13/C15 LOCKING; 200-240VAC, 10A per outlet
C13/C15/C19 LOCKING; 200-240VAC, 16A max per outlet
48A Total

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



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)



COMPLIANCE LABEL

NOTES:

1. INTERNAL WIRING

WIRE TYPE:

LINE 1/R/X COLOR: Black

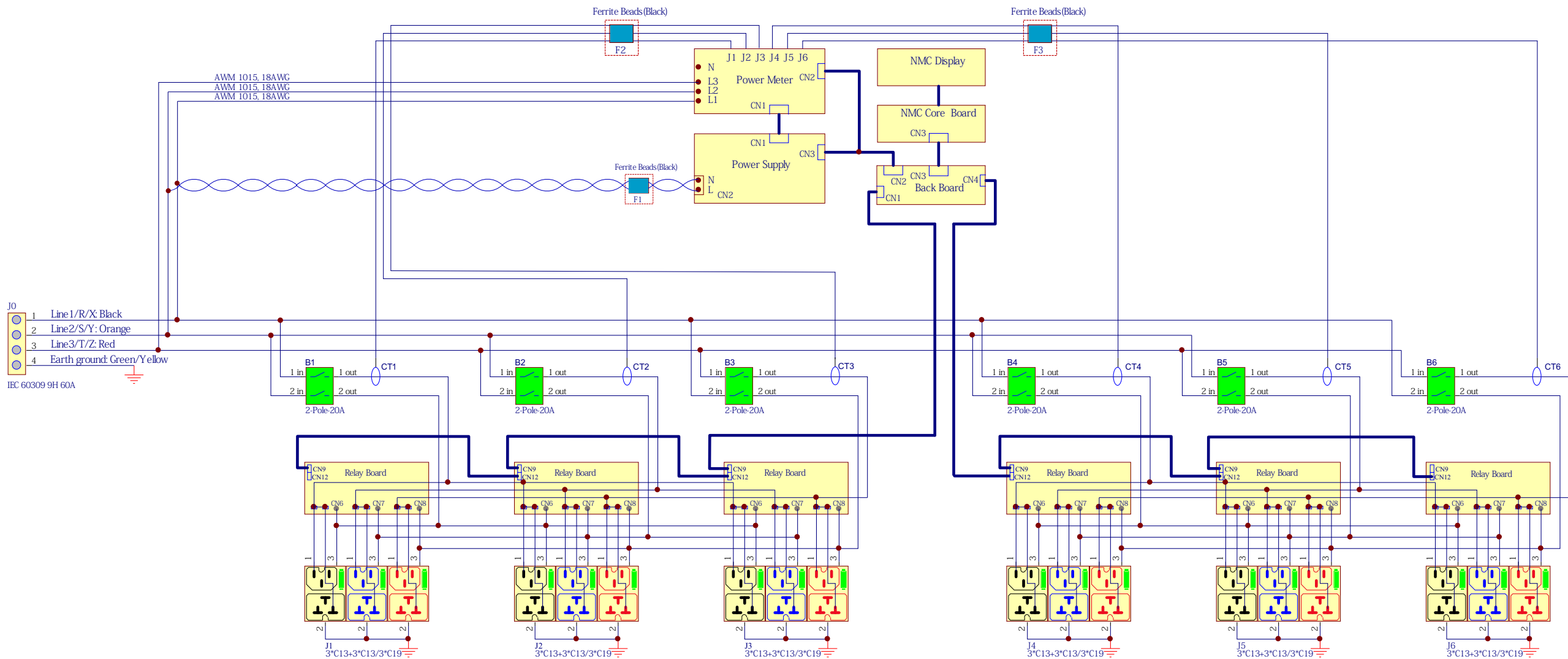
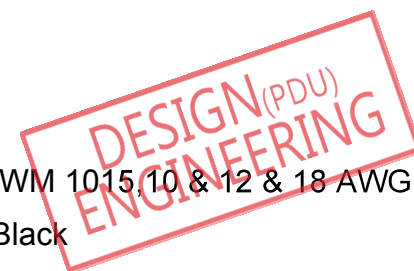
LINE 2/S/Y COLOR: Orange

LINE 3/T/Z COLOR: Red

EARTH GROUND COLOR: Green/Yellow

2. FOR FINISHED GOOD PART NUMBER SEE IDENTIFICATION

UL AWM 1015, 10 & 12 & 18 AWG



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.

enLOGIC by nVent

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E1	INITIAL DRAFT REVIEW	2022/07/28	Leo Liu
ECN/ECO	REV.	DESCRIPTION	DATE APPROVED
REVISIONS			
TITLE :		UNLESS NOTED, DIMENSIONS ARE IN MILLIMETERS & TOLERANCES ARE:	PART NO:
Advantage Series Metered Switched		X ±1 MM X° ±1°	EN2982-WXYZ_DA
		X.X ±0.5 MM X.X° ±0.5°	DRAWN BY: Leo Liu 2022/07/28
PROJECT : enLOGIC		X ±0.20 MM	ENGINEER: Luo Jingbo 2022/07/28
		Ø X.X ±0.3 MM	APPROVED BY: Hanson 2022/07/28
PROJECT : enLOGIC		Ø X.XX ±0.10 MM	SCALE : N/A
		BRACKETED DIMENSIONS ARE IN INCHES FOR REFERENCE ONLY	
		THIRD ANGLE PROJECTION	SHEET 3 OF 3
		INTERPRET PER ASME Y14.5M-1994	SIZE: A3