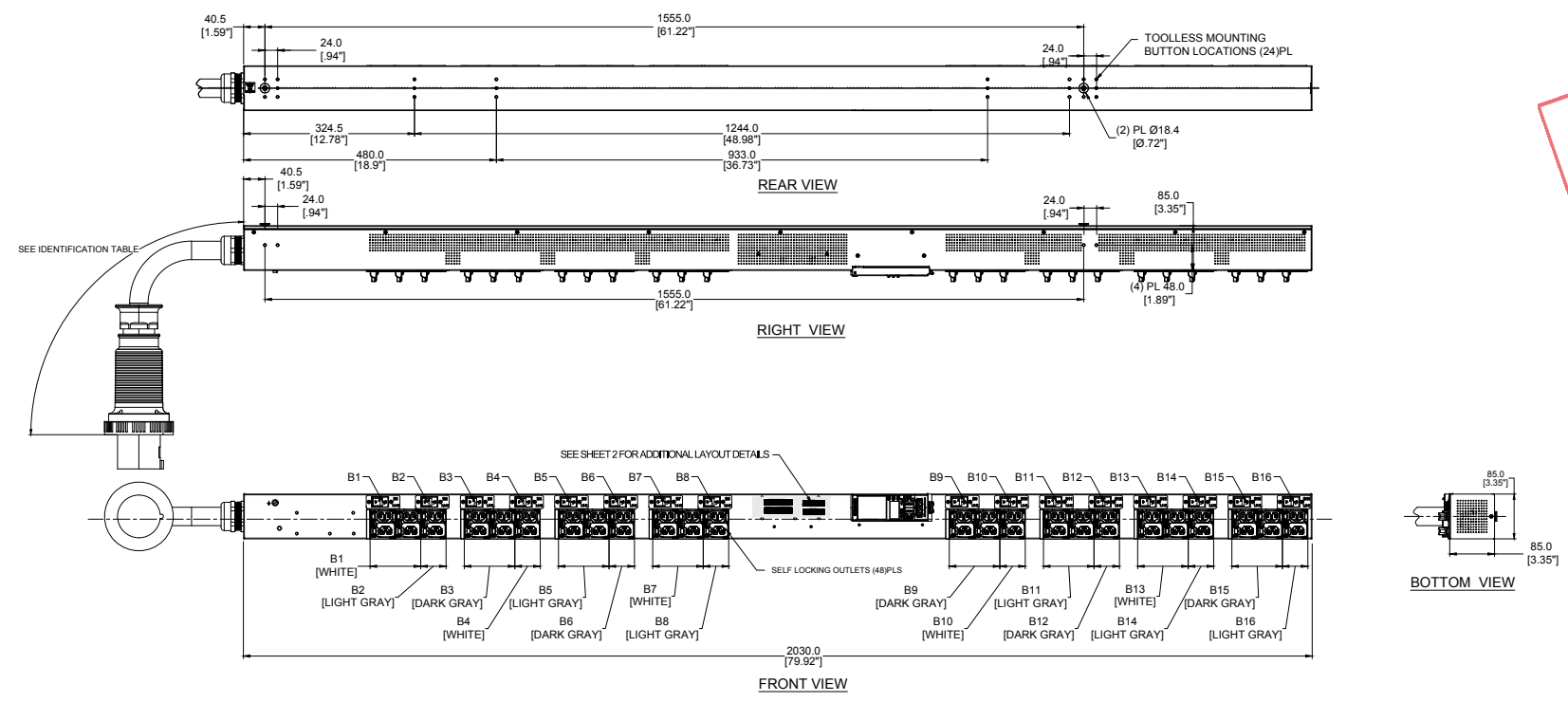


**DESIGN (PDU)
ENGINEERING**



TECHNICAL SPECIFICATIONS	
UNIT TYPE:	METERED & SWITCHED PER OUTLET
ORIENTATION:	VERTICAL, 0U FULL
OUTLET QTY & TYPE:	(24)C13/C15 LOCKING, (24)C13/C15/C19 LOCKING
INPUT VOLTAGE:	200-240/346-415VAC
INPUT CURRENT:	100A (80A DERATED)(NAM) / 100A (EU)
BREAKER QTY & TYPE:	(16) 20AMP, SINGLE-POLE 10kAIC
INPUT PHASE:	THREE PHASE, WYE
RATED POWER:	DUAL-RATED 57.6 kVA(NAM) / 69.0kVA(EU)
INPUT PLUG:	SEE NOTE 7
INPUT POWER CORD:	SEE IDENTIFICATION TABLE
FEATURES	
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	EN6990-	*	*	*	*
MODEL IS SHOWN IN DEFAULT CONFIGURATION. FOR OPTIONAL CONFIGURATIONS, USE ITEM IDENTIFIER CODE IN PLACE OF EACH ASTERISK. ORDERABLE BASED ON FORMAT: EN 6990-****	INPUT PLUG (DEFAULT) 5125P6W (IP67) = 0	CHASSIS COLOR (DEFAULT) BLACK = 0 BLUE = B RED = R GREEN = G WHITE = W 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 1.5m [4.9"] = B 2.5m [8.2"] = C	1.2m [4"] = G 1.8m [6"] = F	

- NOTES:**
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
 2. PRIMARY DIMENSIONS ARE IN MILLIMETERS. SECONDARY DIMENSIONS ARE IN (INCHES)
 3. UNIVERSAL MOUNTING BRACKET IS AN ALTERNATIVE MOUNTING METHOD TO THE TOOLLESS MOUNT TO 3RD PARTY ENCLOSURES. BRACKET IS PROVIDED WITH THE UNIT.
 4. DETAILED INSTALLATION INSTRUCTIONS CAN BE FOUND IN THE QUICK START GUIDE
 5. CONNECT EXTERNAL EARTH GROUND TO THE 10-32 SIZE THREADED NUT
 6. SEE PRODUCT DOCUMENTATION FOR FURTHER INFORMATION
 7. 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

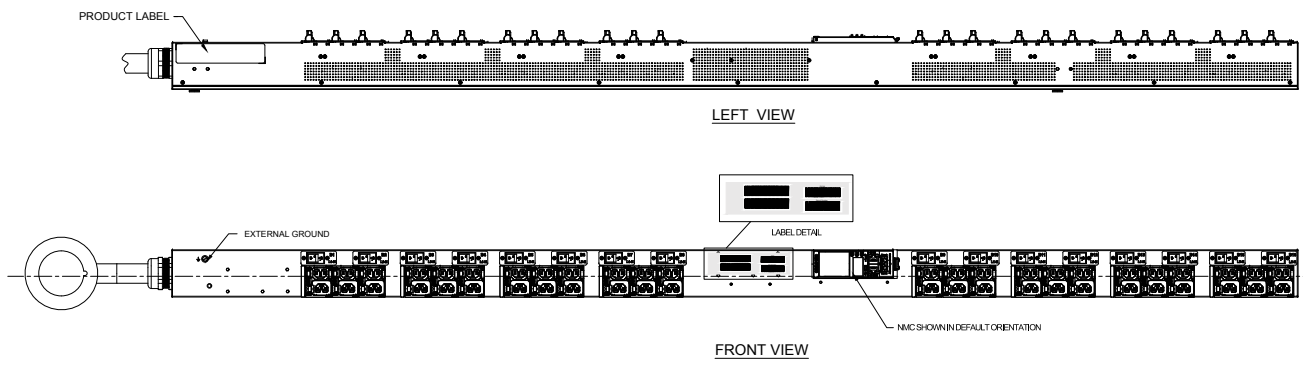
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CIS-PEC-2405-0054	E2	UPDATED POWER BOARD ASSY	2024/05/22	Leo Liu
	E1	INITIAL RELEASE	2023/07/03	Leo Liu
ECN/ECO	REV.	DESCRIPTION	DATE	APPROVED

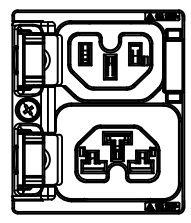
REVISIONS

TITLE: Advantage Series Metered & Switched per outlet	UNLESS NOTED, DIMENSIONS ARE IN MILLIMETERS & TOLERANCES ARE: X ±1 MM XX ±0.5 MM X ±0.20 MM Ø X.X ±0.3 MM Ø X.XX ±0.10 MM	PART NO: EN6990-WXY_DA	REV. E2
PROJECT: enLOGIC	BRACKETED DIMENSIONS ARE IN INCHES FOR REFERENCE ONLY THIRD ANGLE PROJECTION INTERPRET PER ASME Y14.5M-1994	DRAWN BY: Leo Liu ENGINEER: Leo Liu APPROVED BY: LJB	REV. 2023/07/03 2024/05/23 2024/05/23
		SCALE: N/A	SHEET 1 OF 3 SIZE: A3

DESIGN (PDU)
ENGINEERING



LOCKING RECEPTACLE



IEC 60320, C13/C15
LOCKING OUTLET
MAX RATED OUTPUT 10A, 250V

IEC 60320, C13/C15/C19
LOCKING OUTLET
MAX RATED OUTPUT 16A, 250V

RECEPTACLE

STANDARD RECEPTACLES

IEC 60320, C13/C15
LOCKING OUTLET
MAX RATED OUTPUT 10A, 250V

IEC 60320, C13/C15/C19
LOCKING OUTLET
MAX RATED OUTPUT 16A, 250V

(DEFAULT)

INPUT PLUG

IEC 60309, 4P 5W, 6H
IP67 (WATERTIGHT)
100A/ 125A, 415V MAX RATED INPUT
(80A DERATED)

HIGH VISIBILITY DATA DISPLAY

PHASE LEVEL CIRCUIT LEVEL

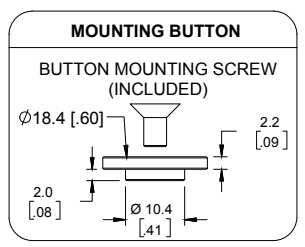
enLOGIC

CRITICAL ALARM ICONS

- PDU ALARM
- CASCADE ERROR/DAISY CHAIN ALARM
- ENVIRONMENTAL BEACON
- SECURITY ALARM
- CIRCUIT BREAKER ALARM

INTERACTIVE GRAPHIC DISPLAY

MENU
SELECT
SCROLL



- 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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	E1	INITIAL RELEASE	2023/07/03	Leo Liu
ECN/ECO	REV.	DESCRIPTION	DATE	APPROVED

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

enLOGIC

RACK Power Distribution Unit
Metered & Switched per outlet

SKU #: EN6990-WXYZ

Model#: EP162080-0086-L(NA)/EP1620100-0086-L(EU)

INPUT: 200-240/346-415VAC, 3PHASE, WYE, 50/60Hz, 80A(NA), OR
200-240/346-415VAC, 3PHASE, WYE, 50/60Hz, 100A(EU)

OUTPUT: C13/C15 LOCKING; 200-240VAC, 10A per outlet
C13/C15/C19 LOCKING; 200-240VAC, 16A max per outlet
80A Total(NA) OR 100A Total(EU)

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

Made In XXXXX



nVent
8th Floor The Mills 1000
Great West Road
BRENTFORD,
TW8 9DW United Kingdom

SKU#:



Serial Number

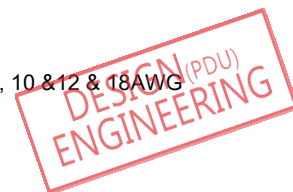


THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES.
OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:
(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE,
AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED,
INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION.
CAN ICES-3(A)/NMB-3(A)

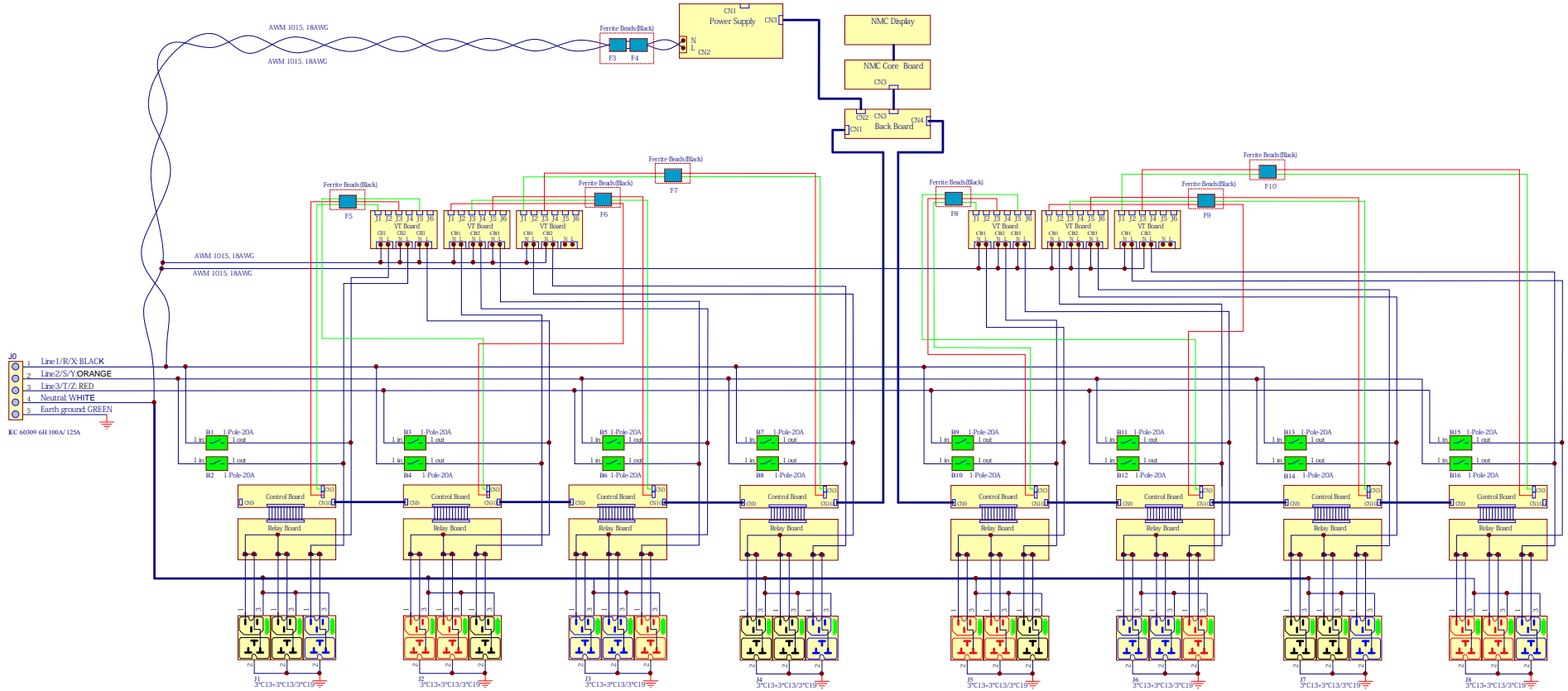
NOTES:

- 1. INTERNAL WIRING:
- WIRE TYPE:
- LINE 1/R/X COLOR:
- LINE 1/R/X COLOR:
- LINE 1/R/X COLOR:
- NEUTRAL COLOR:
- EARTH GROUND COLOR:

- UL AWM 1015, 10 & 12 & 18AWG
- BLACK
- ORANGE
- RED
- WHITE
- GREEN



COMPLIANCE LABEL



- 1 Line 1/R/X BLACK
- 2 Line 2/S/Y ORANGE
- 3 Line 3/T/Z RED
- 4 Neutral WHITE
- 5 Earth ground GREEN

EC 60309 6H 100A/125A

- 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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ECN/ECO	REV.	DESCRIPTION	DATE	APPROVED

REVISIONS		PART NO:	REV.
		EN6990-WXYZ_DA	E2
DRAWN BY:		Leo Liu	2023/07/03
ENGINEER:		Leo Liu	2024/05/23
APPROVED BY:		LJB	2024/05/23
PROJECT:		enLOGIC	SCALE: N/A
TITLE:		Advantage Series Metered & Switched per outlet	SHEET 3 OF 3
PROJECT:		enLOGIC	SIZE: A3

UNLESS NOTED, DIMENSIONS ARE IN MILLIMETERS & TOLERANCES ARE:
X ±1 MM X" ±1"
XX ±0.5 MM XX" ±0.5"
X ±0.2 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