PowerIT

Product Approval

Part Number:	VP7N3021 -- MNU5MGW1-36CF18-3PS15D0D10-S-A
	Switched, Outlet Level Monitoring
Power Configuration:	30A, 208V Delta, 8.6kW
Physical Configuration:	72in / 1829mm Vertical
Product Summary:	rPDU, Switched Outlet Level Monitoring EC, 30A, 208V Delta, 8.6kW, Vertical, (36) Combination C13/C19, 10ft / 3m power cord with 3P+E (IP67), Black Powder Coat.

Specifications and Options

Monitoring	Input and Outlet power monitoring with Outlet switching. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display.
Input Monitoring	Total Unit Monitoring (kWh, W, VA, PF) Phase (AB, BC, CA) Monitoring (kWh, W, VA, PF, V, A) Line (A, B, C) Monitoring (A) Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements
Circuit Monitoring	Circuit / Breaker Monitoring (A) Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy
Outlet Monitoring	Outlet Monitoring (kWh, W, VA, PF, V, A) Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements.
Remote Power Management	Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up
Quantity Of Inputs	1
Voltage	200-240V Delta
Current	30A x 3 Phase DELTA
VA per Input (Load Capacity)	8.6kW (208V)
Frequency	50/60Hz
Over Current Protection	(3) 20A Double Pole Magnetic Breakers (10kAIC Rated)
Switch	Breaker/Switch Combination
LCD Touchscreen Display / Auto Oriented	Yes
Indicators - LED(s)	36
Power Cable Wire Gauge	10/4
Power Cable Length	10ft / 3m
Power Entry Location	Top End
Plug Type	IEC60309 3P + E, 30A, Watertight IP67

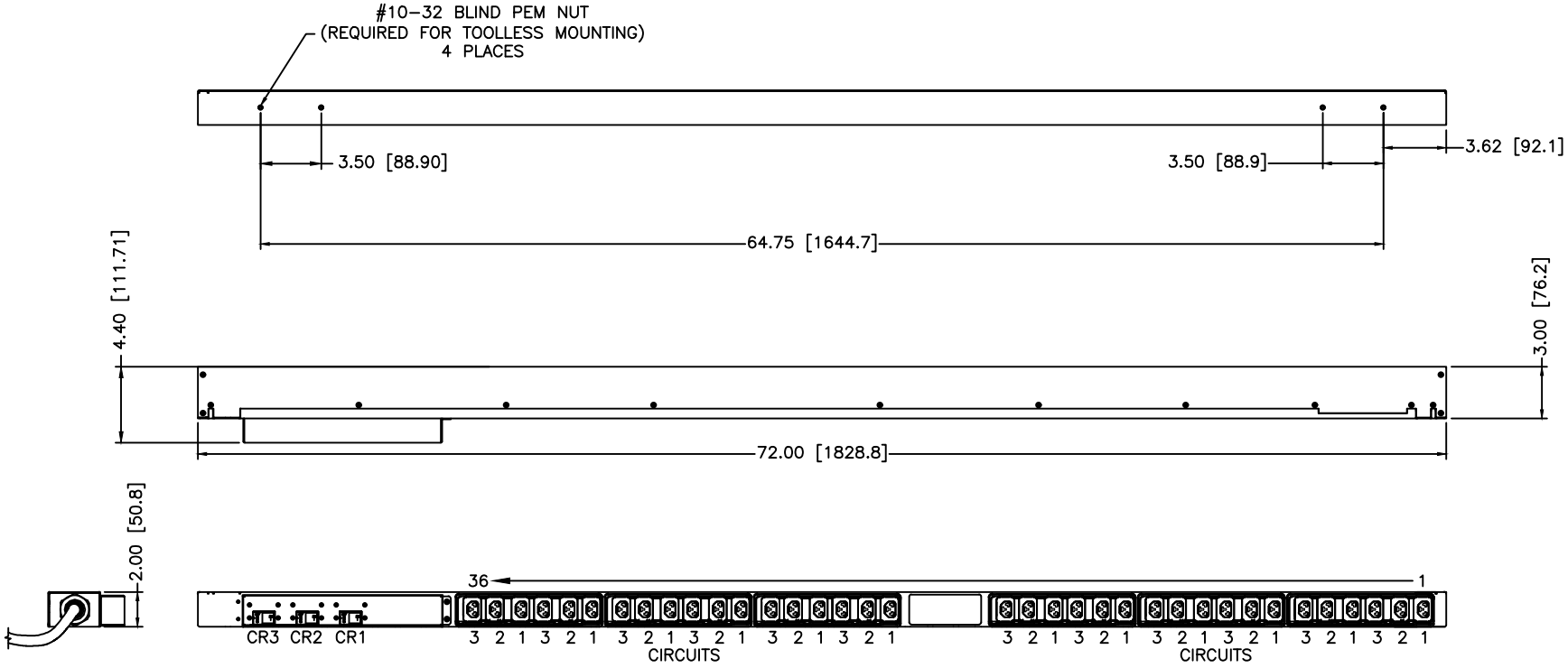
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Specifications and Options Cont.

Alternating Phase/Circuits	Yes
Receptacle/Socket Type #1	Combination C13/C19
- Quantity on Face	36 (Outlet #1 Opposite Cord Entry)
- Quantity per Breaker and Phase Combination	12
- Circuit Color ID	3 Circuit = Orange, Green, Blue
- Style	Banks of 6
- Voltage per Receptacle/Socket	208V (L-L)
Network Connection	Dual 10/100/1000Mbps Ethernet
Protocols Supported	DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP
Data Access Formats	CSV datalog, JSON API, JSON datalog
USB Support	Yes
IP Reset Button	Yes
Hard Reboot Button	Yes
Serial Connection	RS232 via RJ45
Remote Sensor RJ Connection Jacks	1 (Supports up to 16 Sensors)
Maximum Operating Temperature	60C / 140F
Optional External Ground	Yes
Heavy Steel - Powder Coat Finish	Black
Configuration	Zero U
Toolless Mounting Hardware - Center to Center Spacing	61.25in and 64.75in / 1556mm and 1645mm
Country of Origin	USA, TAA Compliant and Buy American Act COTS Compliant
Product Warranty	5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years
Certification/Agency Approvals	RoHS Compliant
Certification/Agency Approvals	FCC Part 15 Class A Conformance
Certification/Agency Approvals	UL & c-UL Listed 62368-1
Chassis Dimensions (LxWxD)	72in x 2in x 3in / 1829mm x 51mm x 76mm
Doghouse (D)	1.4in / 36mm

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NOTE: ALL DRAWINGS ARE SUBJECT TO CONFIRMATION AT FINAL DESIGN UNLESS OTHERWISE AGREED.



CIRCUIT	COLOR
1	ORANGE
2	GREEN
3	BLUE

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REVISION – 1

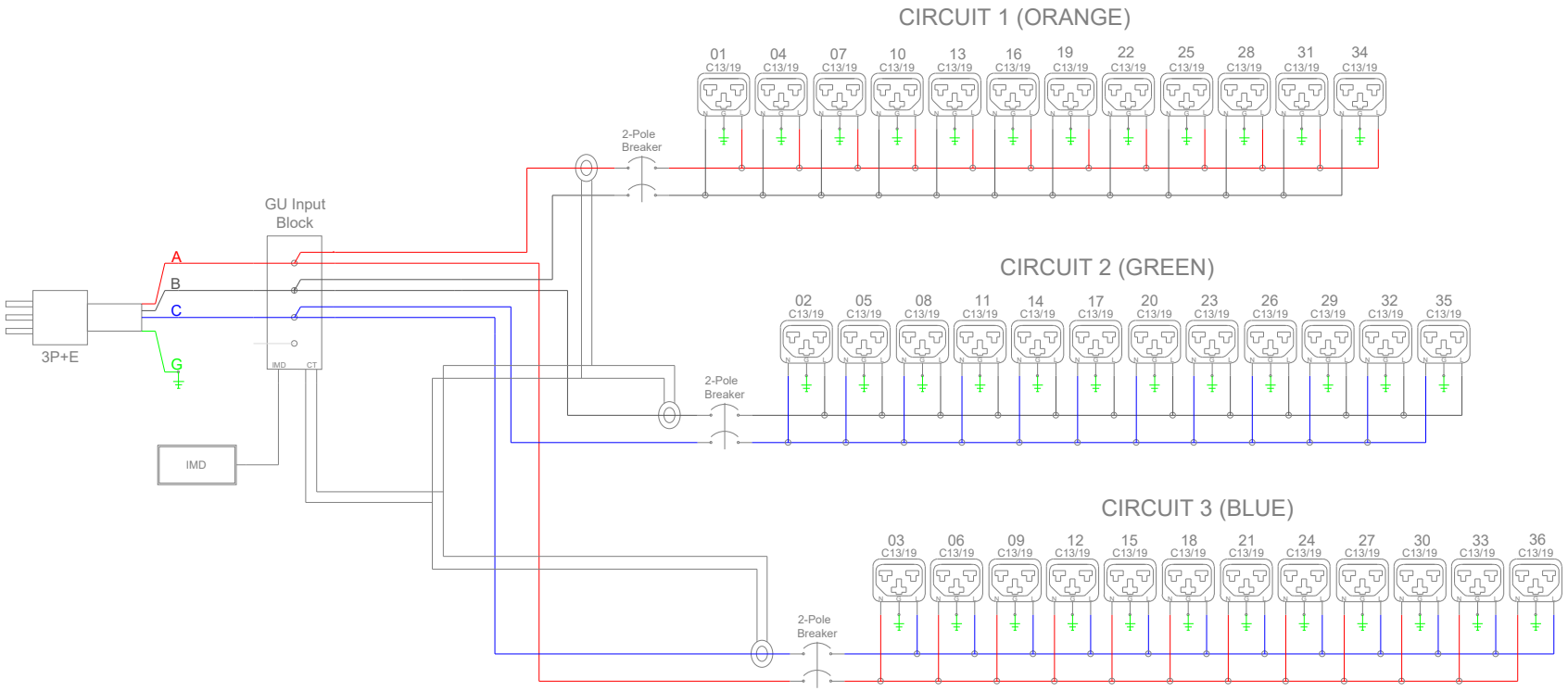
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DO NOT SCALE PRINT
BREAK ALL SHARP EDGES
A/R = AS REQUIRED

TOLERANCES
Inches
X.X = +/-0.10
X.XX = +/-0.03
X.XXX = +/-0.010
ANGLES = +/-2

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DWG. TITLE	REFERENCE_ASM
DATE	10/16/2024
SCALE	1:10
DESIGN	XXX
DRAWN	AKG
CHECKED	
APPROVED	
DWG. NO.	XXXXXXXX
SHEET	1



NOTE: ALTERNATING CIRCUITS

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REVIEWED:

REV:
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Specifications and Options Cont.

Revised: 6/27/2025

To ensure customer satisfaction with this unit, prior to acceptance of an order, Vertiv requires a signature of approval for the specification above and the terms below.

PLEASE NOTE: THESE UNITS ARE …NON-RETURNABLE…NON REFUNDABLE…NON-CANCELLABLE

Specifications

Company: _____

Printed Name: _____ Title: _____

Authorized Customer Signature: _____ Date: _____

Drawing

Company: _____

Printed Name: _____ Title: _____

Authorized Customer Signature: _____ Date: _____

Wiring Diagram

Company: _____

Printed Name: _____ Title: _____

Authorized Customer Signature: _____ Date: _____

Technical claims listed depend on a series of technical assumptions. Your experience with these products may differ if you operate the products in an environment which is different from the technical assumptions. Vertiv reserves the right to modify these specifications without prior notice. Vertiv makes no warranties, express or implied, on the information contained in this document.

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