Vertiv™ PowerIT rPDU



OVERVIEW

Upgradeable Switched Outlet Level Monitored rPDUs provide reliable power distribution to critical IT equipment while delivering individual outlet level control and a comprehensive view of outlet level power usage via remote network access. Includes environmental monitoring capabilities to obtain realtime environmental metrics. With the PowerIT Upgradeable hot-swap technology, users may easily update the rPDU technology with the addition of the appropriate Interchangeable Monitoring Device (IMD) as business needs change.

Benefits

- Remotely reboot outlets to power cycle unresponsive IT equipment or increase runtime of critical equipment upon power failure with outlet-level control.
- Reliable power distribution with local and remote outlet-level power monitoring options offer quick access to critical power usage information down to the device level to evaluate energy usage trends and maximize uptime.
- **Environmental monitoring** capabilities with the addition of optional environmental sensors ensure users have critical infrastructure data at their fingertips to prevent climate-related equipment failure and system downtime.
- Fault-Tolerant Daisy Chaining with RSTP simplifies intelligent rPDU connectivity and ensures data is reported even when a break in the network chain occurs. Supports up to 40 rPDUs.

Part #: VP7N30AT

Model Number: MNU5MHW1-48CF13-3PS56B0A10-S-A

Category: Switched

Sub Category: Outlet Level Monitoring

Power Configuration: 30A, 240/415V WYE, 17.2kW Physical Configuration: 78in / 1982mm, Vertical

Product Summary: rPDU, Switched Outlet Level Monitoring EC, 30A, 240/415V WYE, 17.2kW, Vertical,

(48) Combination C13/C19, 10ft / 3m power cord with 3P+N+E (IP44), Black Powder

Coat.

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.

Plug Form: Receptacle:



3P+N+E (IP44)



Combination C13/C19 (Quantity: 48)

Chassis Color Options:



To discuss color options, contact your local sales representative.

Product Specification and Options

System Features

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.

Daisy-chain up to 50 devices on a single IP address and reduce deployment time with selfconfiguration of downstream devices.

Input Monitoring Pales (A, B, C) Monitoring (AWh, W, VA, PF, V, A) Power Measurements Compliant with ANSI C121 and IEC 620S3-21 at Tix Accuracy Class Requirements Circuit Monitoring Circuit/ Breaker Monitoring (A) Cutlet Monitoring Outlet Monitoring (A) Cutlet Monitoring		
Circuit Monitoring Circuit Preaker Monitoring (A) Curtent Monitoring Outlet Monitoring (A) Power Measurements Compliant with ANSI C12.1 and IEC 62053- Z1 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 200-240/346-415V WYE Current 30A x 3 Phase WYE VA per Input (Load Capacity) Ti.2xW (240V) Frequency 50/60Hz Over Current Protection (6) 20A Single Pole Magnetic Breakers (SkAIC Rated) Switch Breaker/Switch Combination LCD Touchscreen Display / Auto Oriented Yes Indicators - LED(a) 48 Power Cable Wire Gauge 10/5 Power Cable Length 10ft / 3m Power Cable Length	Input Monitoring	
Circuit/Breaker Current Measurements Independently Tested and Verified at 1% Accuracy Outlet Monitoring Outlet Monitoring (kWh, W, VA, PF, V, A) Power Measurements Compliant with ANSI C121 and IEC 62053-21 at 1% Accuracy Class Requirements. SIC 121 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 200-240/346-415V WYE Current 30A x 3 Phase WYE VA per Input (Load Capacity) 17.2kW (240V) Frequency 50/60Hz Over Current Protection (6) 20A Single Pole Magnetic Breakers (SkAIC Rated) Switch Breaker/Switch Combination LCD Touchscreen Display / Auto Oriented Yes Indicators - LED(x) 48 Power Cable Wire Gauge 10/5 Power Cable Length 10ft / 3m Power Entry Location Bottom Front Plug Type 1EC60309 3P + N + E, 30A, Splashproof IP44 Alternating Phase/Circuits Yes Receptacle/Socket Type #1 Combination C13/C19 - Quantity per Breaker 48 - Quantity per Breaker 8 - Quantity per Receptacle/Socket 46V (L-N) Network Connection Dual 10/100/1000Mbps Ethernet Protocols Supported DHCP, HTTP, HTTPS, IPV4, IPV6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SMNP (v1/v2c/v3), Sysiog, TACACS+, Modbus TCP Data Access Formats CSV datalog, JSON API, JSON datalog USB Support Yes Prescet Sensor RJ Connection Per S222 via RJ45 Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors) Maximum Operating Temperature 60C / 140F		
Outlet Monitoring Outlet Monitoring (WM, 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 200-240/346-415V WYE Current 30A x 3 Phase WYE VA per Input (Load Capacity) 17.2kW (240V) Frequency 50/60Hz Over Current Protection (6) 20A Single Pole Magnetic Breakers (SkAIC Rated) Switch Breaker/Switch Combination LCD Touchscreen Display / Auto Oriented Yes Indicators - LED(s) 48 Power Cable Wire Gauge 10/5 Power Cable Length 10ft / 3m Power Entry Location Bottom Front Plug Type 1EC60309 3P + N + E, 30A, Splashproof IP44 Alternating Phase/Circuits Yes Receptacle/Socket Type #1 Combination C13/C19 - Quantity per Breaker 8 - Quantity per Breaker 8 - Quantity per Breaker 8 - Quantity per Breaker 16 - Circuit Color ID 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue - Style - voltage per Receptacle/Socket 24OV (L-N) 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 Sarial Connection RS232 via RJ45 Remote Sensor RJ Connection Jacks I (Supports up to 16 Sensors)	Circuit Monitoring	Circuit / Breaker Monitoring (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 200-240/346-415V WYE Current 30A x 3 Phase WYE VA per Input (Load Capacity) 17.2kW (240V) Frequency 50/60Hz Over Current Protection (6) 20A Single Pole Magnetic Breakers (SkAIC Rated) Switch Breaker/Switch Combination LCD Touchscreen Display / Auto Oriented Yes Indicators - LED(a) 48 Power Cable Wire Gauge 10/5 Power Cable Length 10ft / 3m Power Entry Location Bottom Front Plug Type IEC60309 3P + N + E, 30A, Splashproof IP44 Alternating Phase/Circuits Yes Receptacle/Socket Type #1 Combination C13/C19 - Quantity per Breaker 8 - Quantity per Breaker 8 - Quantity per Breaker 8 - Quantity per Phase 16 - Circuit Color ID 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue - Style Banks of 6 - Voltage per Receptacle/Socket 240V (L-N) Nxtwork Connection Dual 10/100/1000Mbps Ethernet Protocols Supported DHCP, HTTP, HTTPS, IP4, IP46, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (VIV/2c/v3), Syslog, TACACS+, Modbus TCP Data Access Formats CSV datalog, JSON API, JSON datalog Serial Connection P65232 via RJ45 Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors) Maximum Operating Temperature 60C / 140F		
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Voltage 200-240/346-415V WYE Current 30A x 3 Phase WYE VA per Input (Load Capacity) 17.2kW (240V) Frequency 50/60Hz Over Current Protection (6) 20A Single Pole Magnetic Breakers (5kAIC Rated) Switch Breaker/Switch Combination LCD Touchscreen Display / Auto Oriented Yes Indicators - LED(s) 48 Power Cable Wire Gauge 10/5 Power Cable Length 10ft / 3m Power Entry Location Bottom Front Plug Type IEC60309 3P + N + E, 30A, Splashproof IP44 Alternating Phase/Circuits Yes Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 48 - Quantity per Breaker 8 - Quantity per Phase 16 - Circuit Color ID 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue - Style Banks of 6 - Voltage per Receptacle/Socket 240V (L-N) Network Connection Dull 10/100/1000Mbps Ethernet Protocols Supported DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Sy	Remote Power Management	
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VA per Input (Load Capacity) Frequency 50/60Hz Over Current Protection 6) 20 A Single Pole Magnetic Breakers (SkAIC Rated) Switch Breaker/Switch Combination LCD Touchscreen Display / Auto Oriented Yes Indicators - LED(s) A8 Power Cable Wire Gauge 10/5 Power Cable Length Power Entry Location Bottom Front Plug Type IEC60309 3P + N + E, 30A, Splashproof IP44 Alternating Phase/Circuits Yes Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 48 - Quantity per Breaker 3 Quantity per Phase 16 - Circuit Color ID 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue - Style Banks of 6 - Voltage per Receptacle/Socket 240V (L-N) Network Connection Dual 10/100/1000Mbps Ethernet Protocols Supported DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SMMP (VI/V2c/v3), Syslog, TACACS+, Modbus TCP Data Access Formats CSV datalog, JSON API, JSON datalog USB Support Yes IP Reset Button Yes Frenote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors) Maximum Operating Temperature 60C / 140F	Voltage	200-240/346-415V WYE
Frequency Over Current Protection (6) 20A Single Pole Magnetic Breakers (SkAIC Rated) Switch Breaker/Switch Combination LCD Touchscreen Display / Auto Oriented Yes Indicators - LED(s) 48 Power Cable Wire Gauge 10/5 Power Cable Length 10ft / 3m Power Entry Location Bottom Front Plug Type IEC60309 3P + N + E, 30A, Splashproof IP44 Alternating Phase/Circuits Yes Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 48 - Quantity per Breaker 9 Quantity per Phase 16 - Circuit Color ID 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue - Style Banks of 6 - Voltage per Receptacle/Socket 240V (L-N) Network Connection Dual 10/100/1000Mbps Ethernet Protocols Supported DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SMMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP Data Access Formats CSV datalog, JSON API, JSON datalog USB Support Yes IP Reset Button Yes Berial Connection RS232 via RJ45 Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors) Maximum Operating Temperature 60C / 140F	Current	30A x 3 Phase WYE
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Switch Breaker/Switch Combination LCD Touchscreen Display / Auto Oriented Yes Indicators - LED(s) 48 Power Cable Wire Gauge 10/5 Power Cable Length 10ft / 3m Power Entry Location Bottom Front Plug Type IEC60309 3P + N + E, 30A, Splashproof IP44 Alternating Phase/Circuits Yes Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 48 - Quantity per Breaker 8 - Quantity per Phase 16 - Circuit Color ID 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue - Style Banks of 6 - Voltage per Receptacle/Socket 240V (L-N) Network Connection DHCP, HTTP, HTTPS, IPV4, IPV6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SIMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP Data Access Formats CSV datalog, JSON API, JSON datalog USB Support Yes Benote Sensor RJ Connection ARS232 via RJ45 Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors) Maximum Operating Temperature 60C / 140F	Frequency	50/60Hz
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Indicators - LED(s) Power Cable Wire Gauge 10/5 Power Cable Length 10ft / 3m Power Entry Location Bottom Front Plug Type IEC60309 3P + N + E, 30A, Splashproof IP44 Alternating Phase/Circuits Yes Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 48 - Quantity per Breaker 8 - Quantity per Phase 16 - Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue - Style Banks of 6 - Voltage per Receptacle/Socket 240V (L-N) 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 Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors) Maximum Operating Temperature 60C / 140F	Switch	Breaker/Switch Combination
Power Cable Wire Gauge 10/5 Power Cable Length 10ft / 3m Power Entry Location Bottom Front Plug Type IEC60309 3P + N + E, 30A, Splashproof IP44 Alternating Phase/Circuits Yes Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 48 - Quantity per Breaker 8 - Quantity per Phase 16 - Circuit Color ID 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue - Style Banks of 6 - Voltage per Receptacle/Socket 240V (L-N) 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 Remote Sensor RJ Connection Jacks 1(Supports up to 16 Sensors) Maximum Operating Temperature 60C / 140F	LCD Touchscreen Display / Auto Oriented	Yes
Power Cable Length Power Entry Location Bottom Front Plug Type IEC60309 3P + N + E, 30A, Splashproof IP44 Alternating Phase/Circuits Yes Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 48 - Quantity per Breaker 8 - Quantity per Phase 16 - Circuit Color ID 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue - Style Banks of 6 - Voltage per Receptacle/Socket 240V (L-N) 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 RS232 via RJ45 Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors) Maximum Operating Temperature 60C / 140F	Indicators - LED(s)	48
Power Entry Location Plug Type IEC60309 3P + N + E, 30A, Splashproof IP44 Alternating Phase/Circuits Yes Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 48 - Quantity per Breaker 8 - Quantity per Phase 16 - Circuit Color ID 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue - Style Banks of 6 - Voltage per Receptacle/Socket 240V (L-N) 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 RS232 via RJ45 Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors) Maximum Operating Temperature 60C / 140F	Power Cable Wire Gauge	10/5
Plug Type IEC60309 3P + N + E, 30A, Splashproof IP44 Alternating Phase/Circuits Yes Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 48 - Quantity per Breaker 8 - Quantity per Phase 16 - Circuit Color ID 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue - Style Banks of 6 - Voltage per Receptacle/Socket 240V (L-N) Network Connection Dual 10/100/1000/Mbps 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 Serial Connection RS232 via RJ45 Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors) Maximum Operating Temperature 60C / 140F	Power Cable Length	10ft / 3m
Alternating Phase/Circuits Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face - Quantity per Breaker - Quantity per Phase 16 - Circuit Color ID 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue - Style Banks of 6 - Voltage per Receptacle/Socket 240V (L-N) 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	Power Entry Location	Bottom Front
Receptacle/Socket Type #1 - Quantity on Face - Quantity per Breaker - Quantity per Phase - Circuit Color ID - Style - Banks of 6 - Voltage per Receptacle/Socket - Voltage per Receptacle/Socket - Voltage per Receptacle/Socket - 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 - Yes - Gerial Connection - RS232 via RJ45 - Remote Sensor RJ Connection Jacks - Also Maximum Operating Temperature - 60C / 140F	Plug Type	IEC60309 3P + N + E, 30A, Splashproof IP44
- Quantity on Face 48 - Quantity per Breaker 8 - Quantity per Phase 16 - Circuit Color ID 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue - Style Banks of 6 - Voltage per Receptacle/Socket 240V (L-N) 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	Alternating Phase/Circuits	Yes
- Quantity per Breaker - Quantity per Phase - Circuit Color ID - Circuit Color ID - Circuit Color ID - Style - Style - Banks of 6 - Voltage per Receptacle/Socket - Voltage per Receptacle/Socket - 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 Serial Connection - RS232 via RJ45 Remote Sensor RJ Connection Jacks - 1 (Supports up to 16 Sensors) Maximum Operating Temperature - 60C / 140F	Receptacle/Socket Type #1	Combination C13/C19
- Quantity per Phase 16 - Circuit Color ID 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue - Style Banks of 6 - Voltage per Receptacle/Socket 240V (L-N) 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	- Quantity on Face	48
- Circuit Color ID 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue - Style Banks of 6 - Voltage per Receptacle/Socket 240V (L-N) 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	- Quantity per Breaker	8
Blue - Style Banks of 6 - Voltage per Receptacle/Socket 240V (L-N) 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	- Quantity per Phase	16
- Voltage per Receptacle/Socket 240V (L-N) 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	- Circuit Color ID	
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	- Style	Banks of 6
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	- Voltage per Receptacle/Socket	240V (L-N)
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	Network Connection	Dual 10/100/1000Mbps Ethernet
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	Protocols Supported	
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	Data Access Formats	CSV datalog, JSON API, JSON datalog
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	USB Support	Yes
Serial Connection RS232 via RJ45 Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors) Maximum Operating Temperature 60C / 140F	IP Reset Button	Yes
Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors) Maximum Operating Temperature 60C / 140F	Hard Reboot Button	Yes
Maximum Operating Temperature 60C / 140F	Serial Connection	RS232 via RJ45
	Remote Sensor RJ Connection Jacks	1 (Supports up to 16 Sensors)
	Maximum Operating Temperature land Avenue, Westerville, OH, 43082, USA	60C / 140F

Heavy Steel - Powder Coat Finish	Black
Configuration	Zero U
7938 Vertical Mounting Bracket Kit	Yes
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
Certification/Agency Approvals	UL & c-UL Listed 62368-1
Certification/Agency Approvals	RoHS Compliant
Certification/Agency Approvals	FCC Part 15 Class A Conformance
Chassis Dimensions (LxWxD)	78in x 3.8in x 2.6in / 1982mm x 97mm x 66mm
Shipped Weight	22lbs (9.98kg)