

POWERLOK RACK PDU SPECIFICATION

Specific Configuration								
DESCRIPTION	RACK PDU, 78", 125A 240/415V WYE 3PH, 6-C13 & 30-C19, PHASE COLOR CORDLOK, TAA COMPLIANT							
POWER	125A 240/415V WYE 3PH (71.9 kW)							
RECEPTACLES	LOCKING: 6-C13 & 30-C19							
UNIT LENGTH	78 INCHES							
COLOR	CARBON		RED		WHITE		BLUE	
WHIP LENGTH	6 FT	10 FT	6 FT	10 FT	6 FT	10 FT	6 FT	10 FT
INPUT PLUG & MODELS:								
HUBBELL POWERGAIN™ HBL5125P415								
SWITCHED READY	PL9303S-06FC	PL9303S-10FC	PL9303S-06FR	PL9303S-10FR	PL9303S-06FW	PL9303S-10FW	PL9303S-06FB	PL9303S-10FB
MONITORED INPUT	PL9303V-06FC	PL9303V-10FC	PL9303V-06FR	PL9303V-10FR	PL9303V-06FW	PL9303V-10FW	PL9303V-06FB	PL9303V-10FB
BASIC	PL9303B-06FC	PL9303B-10FC	PL9303B-06FR	PL9303B-10FR	PL9303B-06FW	PL9303B-10FW	PL9303B-06FB	PL9303B-10FB
IEC 60309 (IP67) HBL5100P6W (FOR 125A USE OUTSIDE NORTH AMERICA ONLY)								
SWITCHED READY	PL9303S-06WC	PL9303S-10WC	PL9303S-06WR	PL9303S-10WR	PL9303S-06WW	PL9303S-10WW	PL9303S-06WB	PL9303S-10WB
MONITORED INPUT	PL9303V-06WC	PL9303V-10WC	PL9303V-06WR	PL9303V-10WR	PL9303V-06WW	PL9303V-10WW	PL9303V-06WB	PL9303V-10WB
BASIC	PL9303B-06WC	PL9303B-10WC	PL9303B-06WR	PL9303B-10WR	PL9303B-06WW	PL9303B-10WW	PL9303B-06WB	PL9303B-10WB
HUBBELL POWERGAIN™ HBL200MR SINGLE POLE								
SWITCHED READY	PL9303S-06SC	PL9303S-10SC	PL9303S-06SR	PL9303S-10SR	PL9303S-06SW	PL9303S-10SW	PL9303S-06SB	PL9303S-10SB
MONITORED INPUT	PL9303V-06SC	PL9303V-10SC	PL9303V-06SR	PL9303V-10SR	PL9303V-06SW	PL9303V-10SW	PL9303V-06SB	PL9303V-10SB
BASIC	PL9303B-06SC	PL9303B-10SC	PL9303B-06SR	PL9303B-10SR	PL9303B-06SW	PL9303B-10SW	PL9303B-06SB	PL9303B-10SB
WHIP ONLY, NO PLUG								
FOR HARDWIRING, ALL MODELS ARE AVAILABLE WITH NO PLUGS AND WHIPS TO A SPECIFIED LENGTH. CONTACT US FOR DETAILS.								

Universal Specification	
Over Current Protection	Quantity (15) 30A UL489 magnetic hydraulic breakers
Chassis	Heavy duty corrosion resistant steel, powder coat per specific configuration for color
Mounting Method	Tool-less vertical rack-mount, 61.25" button center spacing
Manufacturing location	USA
Product Warranty	7-year from date of shipment, repair or replace
Certification/Agency Approvals	TUV Certified to UL62328-1, CSA C22.2, NOM Addendum for Mexico, FCC Part 15 Class A conformance, RoHS compliant, BAA options available
Operating Environment	0-60C (32-149F), 5-95% relative humidity, 0-10,000ft (0-3000 meters) elevation
Storage Environment	-25-65C (-13-149F), 5-95% relative humidity, 0-10,000ft (0-3000 meters) elevation
Chassis Dimensions (LxWxD)	78.0"L x 2.9"W x 2.0"D, 2.90"D (CORD LOCK THUMBWHEEL)
Package Dimensions (LxWxD)	86.0"L x 22.0"W x 4.8"D (3&4-Pack), 96.0"L x 11.0"W x 4.8"D (1&2-Pack)
Pallet Dimensions (LxWxD)	96"L x 44"W x 5.0"D
Rack PDU Weight	41 lbs. - varies by whip length
Packaged Weight (each)	43 lbs. - varies by whip length
Monitored & Switched Ready Versions	
Monitoring Types	Monitored models: Remote & local touchscreen display, temp/humidity sensor ready & Switched Ready models with added capability to pair switching cords with rPDU.
Hot-swappable Data Module	Yes
Monitoring Accuracy	Voltage: +/- 0.5% at nominal, current: within 0.5% from 1A to 30A typical. +/-1% of measurement from 500mA to 30A
Total Unit & Group Monitoring	Aggregate (kWh, W, VA) plus Phase: A, B, C Line Currents, plus Group: 1, 2, 3 Monitoring (kWh, W, VA, PF, V, A)
Network Interface	Ethernet RJ-45, 10 Mbit/s, 100 Mbit/s, 1 Gbit/s
Transport/Internet	TCP/IP v4, v6
Network Applications	HTTP/HTTPS Webserver RESTful API, SNMP-V1/V2c/V3, Modbus TCP/IP Network Management DHCP for dynamic IP address request from a server on the network Remote firmware upgrade using FTP
Touchscreen Digital Display	Touch to rotate, touch to view: power data, rPDU and environment temps, and admin. screens
Internal Voltage & Current Sensors	RMS method for accuracy
Environmental Monitoring	Optional temp/humidity sensor daisy chain (up to 4 sensors), monitoring accuracy +/- 0.2C and +/- 2% Rh

POWERLOK

MADE AND ROBOTICALLY SOLDERED IN THE USA

CUSTOMER SIGNATURE:DATE:

*PRIOR TO MANUFACTURING, BUILD MODELS REQUIRE CUSTOMER SIGN-OFF. BY SIGNING, CUSTOMER AGREES THAT THIS ORDER IS NON-CANCELABLE AND NON-RETURNABLE.

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MM AND TOLERANCES ARE:
X = +/- 0.5
.X = +/- 0.25
.XX = +/- 0.13
X' = +/- 0.5"

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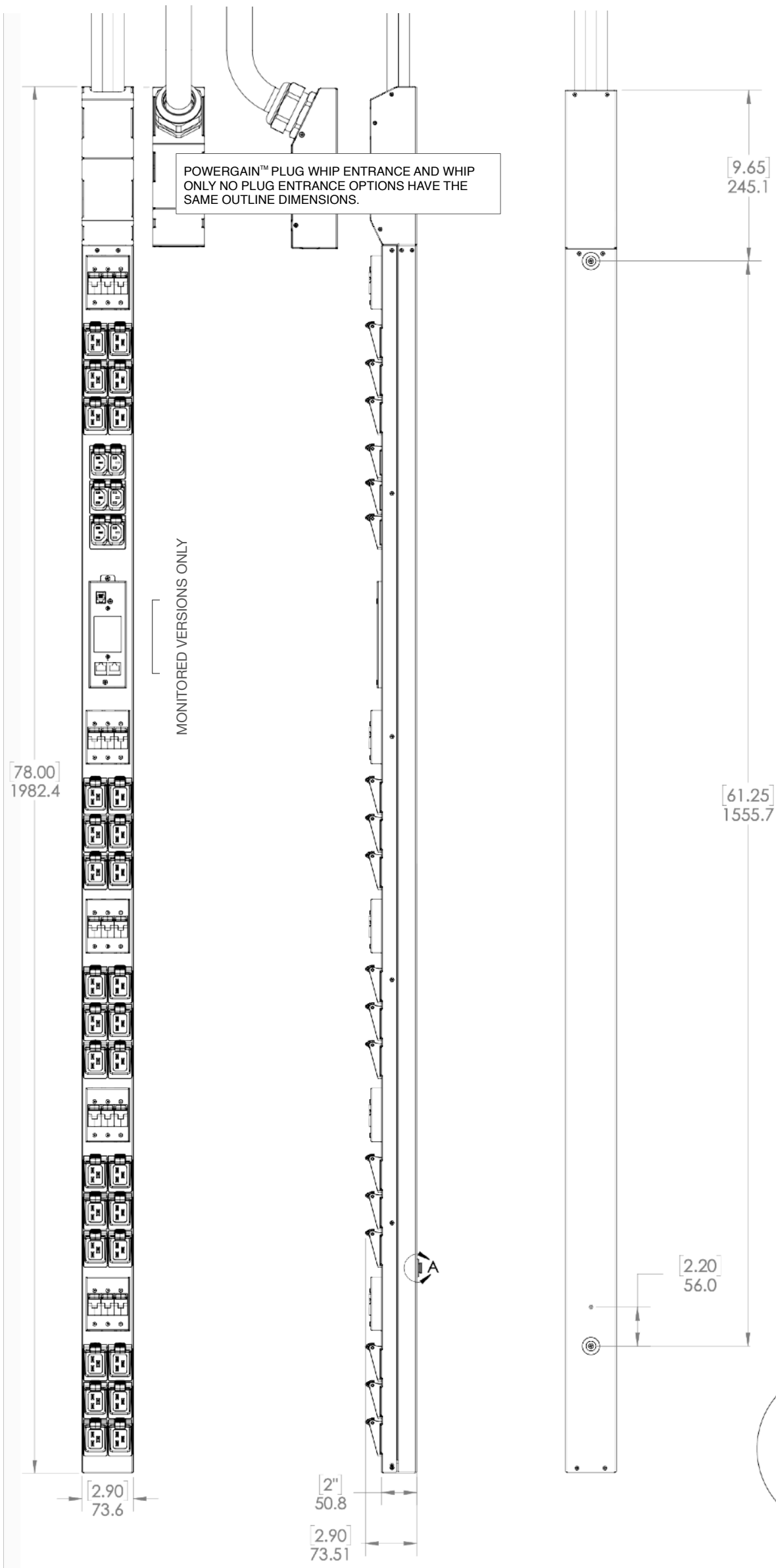
TITLE:
RACK PDU SPECIFICATION

DRAWING NUMBER:
SP-PL9303X

SHEET:
1 OF 2

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OUTLINE DRAWING

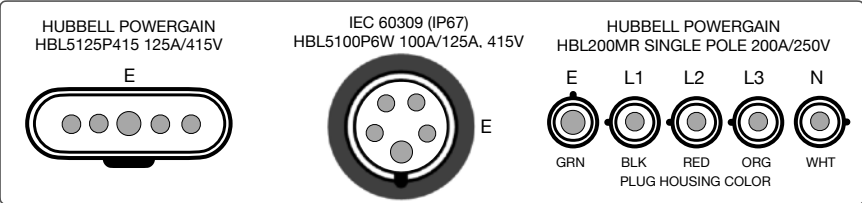


PDU RATINGS TABLE

INPUT POWER:					
WHIP TYPE		2 AWG 5-WIRE SOOW TYPE W			
VOLTAGE		240/415V WYE 3PH			
FREQUENCY		50/60 HZ			
RATED AMPS		125A			
MAX CONT.AMPS		100A			
MAXIMUM CONTINUOUS OUTPUT POWER:					
GROUP 1A	PH A-N, 24A	GROUP 1C	PH A-N, 24A	GROUP 1E	PH A-N, 24A
GROUP 2A	PH B-N, 24A	GROUP 2C	PH B-N, 24A	GROUP 2E	PH B-N, 24A
GROUP 3A	PH C-N, 24A	GROUP 3C	PH C-N, 24A	GROUP 3E	PH C-N, 24A
GROUP 1B	PH A-N, 24A	GROUP 1D	PH A-N, 24A		
GROUP 2B	PH B-N, 24A	GROUP 2D	PH B-N, 24A		
GROUP 3B	PH C-N, 24A	GROUP 3D	PH C-N, 24A		

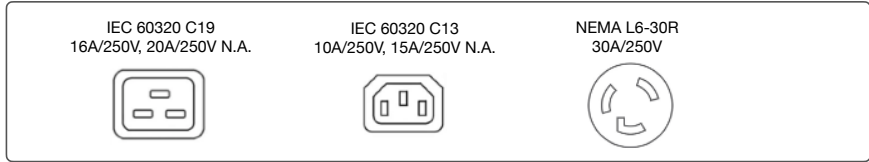
INPUT / PLUG OPTIONS - 4P5W

SEE CONFIGURATION TABLE FOR ACTUAL.

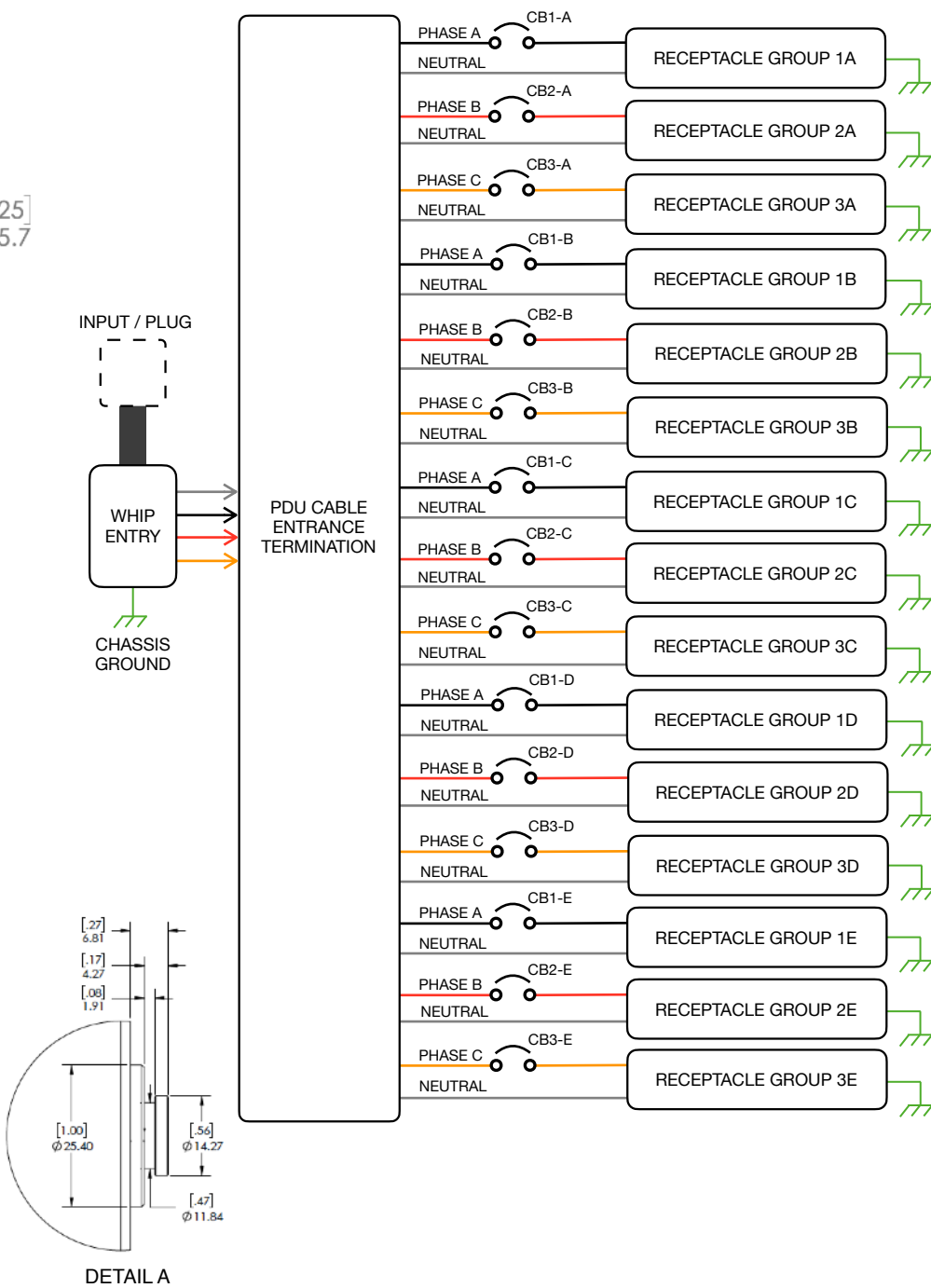


OUTPUT CONNECTOR OPTIONS

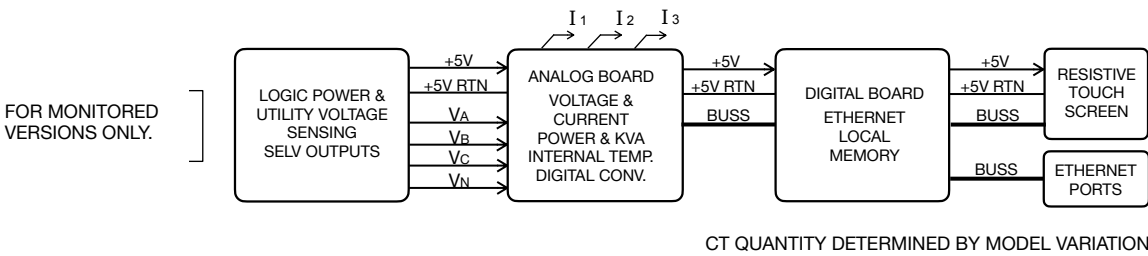
SEE CONFIGURATION TABLE FOR ACTUAL.



PDU WIRING DIAGRAM



MONITORING ONE-LINE



MADE AND ROBOTICALLY SOLDERED IN THE USA

POWERLOK

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