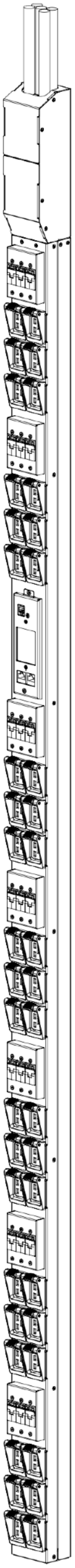

POWERLOK RACK PDU SPECIFICATION

Specific Configuration

DESCRIPTION	RACK PDU, 88”, 200A 240/415V WYE 3PH, 42-C19, PHASE COLOR CORD LOCK, TAA COMPLIANT							
POWER	200A 240/415V WYE 3PH (115.0 kW)							
RECEPTACLES	LOCKING: 42-C19							
UNIT LENGTH	88 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™ HBL5200P415 FLAT								
SWITCHED	**PL9508E-06FC**	**PL9508E-10FC**	**PL9508E-06FR**	**PL9508E-10FR**	**PL9508E-06FW**	**PL9508E-10FW**	**PL9508E-06FB**	**PL9508E-10FB**
MONITORED	**PL9508M-06FC**	**PL9508M-10FC**	**PL9508M-06FR**	**PL9508M-10FR**	**PL9508M-06FW**	**PL9508M-10FW**	**PL9508M-06FB**	**PL9508M-10FB**
MONITORED READY	**PL9508U-06FC**	**PL9508U-10FC**	**PL9508U-06FR**	**PL9508U-10FR**	**PL9508U-06FW**	**PL9508U-10FW**	**PL9508U-06FB**	**PL9508U-10FB**
BASIC	**PL9508B-06FC**	**PL9508B-10FC**	**PL9508B-06FR**	**PL9508B-10FR**	**PL9508B-06FW**	**PL9508B-10FW**	**PL9508B-06FB**	**PL9508B-10FB**
HUBBELL POWERGAIN™ HBL200MR SINGLE POLE								
SWITCHED	**PL9508E-06SC**	**PL9508E-10SC**	**PL9508E-06SR**	**PL9508E-10SR**	**PL9508E-06SW**	**PL9508E-10SW**	**PL9508E-06SB**	**PL9508E-10SB**
MONITORED	**PL9508M-06SC**	**PL9508M-10SC**	**PL9508M-06SR**	**PL9508M-10SR**	**PL9508M-06SW**	**PL9508M-10SW**	**PL9508M-06SB**	**PL9508M-10SB**
MONITORED READY	**PL9508U-06SC**	**PL9508U-10SC**	**PL9508U-06SR**	**PL9508U-10SR**	**PL9508U-06SW**	**PL9508U-10SW**	**PL9508U-06SB**	**PL9508U-10SB**
BASIC	**PL9508B-06SC**	**PL9508B-10SC**	**PL9508B-06SR**	**PL9508B-10SR**	**PL9508B-06SW**	**PL9508B-10SW**	**PL9508B-06SB**	**PL9508B-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 (21) 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	5-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	0-50C (32-122F), 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)	88.0”L x 2.9”W x 2.0”D, 2.90”D (CORD LOCK THUMBWHEEL)
Package Dimensions (LxWxD)	96.0”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	49 lbs. - varies by whip length
Packaged Weight (each)	50 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

MADE AND ROBOTICALLY SOLDERED IN THE USA

POWERLOK

*CUSTOMER SIGNATURE:	DATE:	UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MM AND TOLERANCES ARE: X = +/- 0.5 .X = +/- 0.25 .XX = +/- 0.13 X° = +/- 0.5°	GATEVIEW TECHNOLOGIES, INC.	
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			DRAWING NUMBER: **SP-PL9508X**	SHEET: **1 OF 2**

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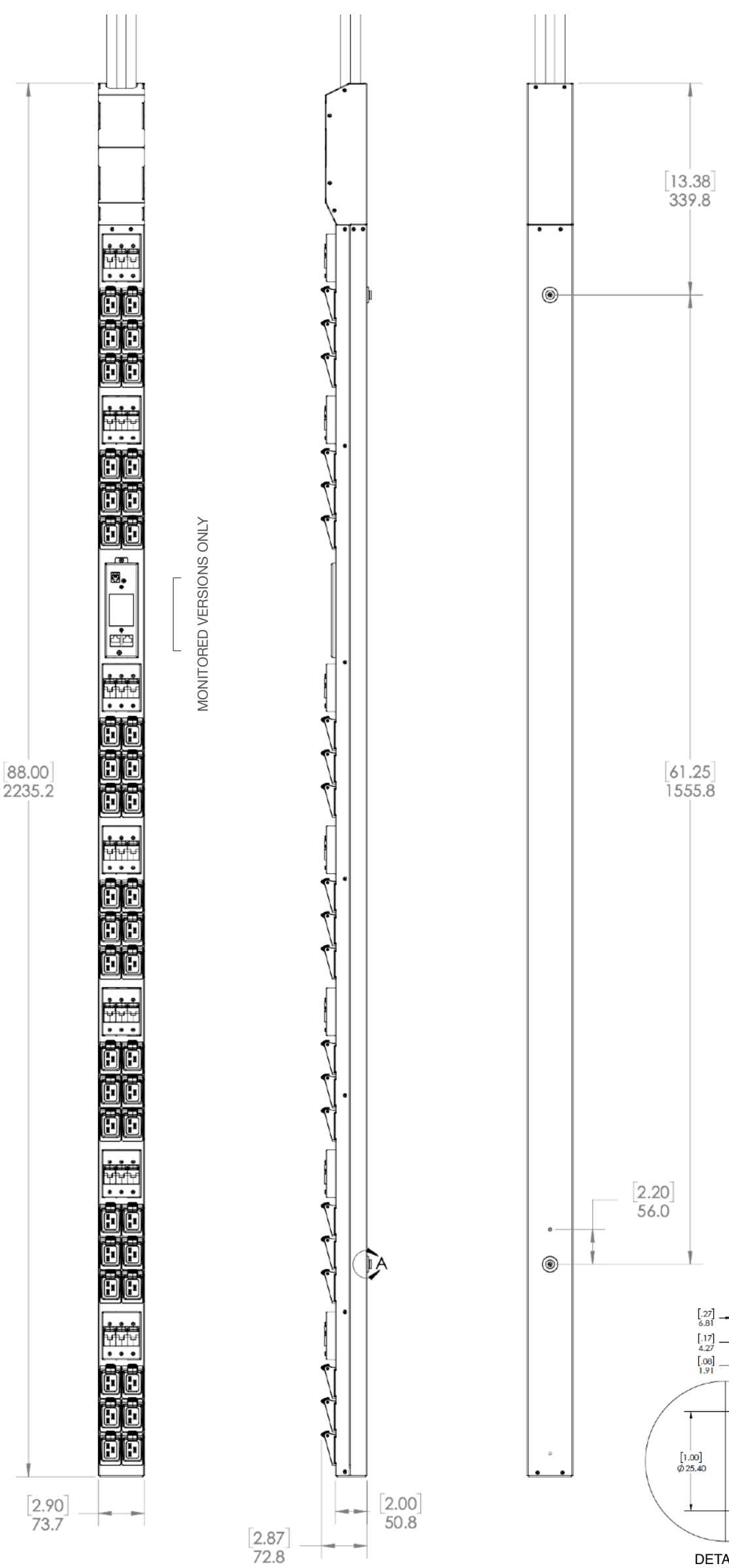
OUTLINE DRAWING



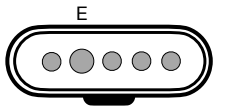
DETAIL A

PDU RATINGS TABLE

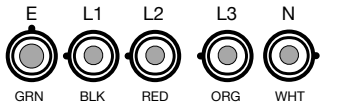
INPUT POWER:					
WHIP TYPE	1/0 5-WIRE SOOW TYPE W				
VOLTAGE	240/415V WYE 3PH				
FREQUENCY	50/60 HZ				
RATED / MAX CONT. AMPS.	200A / 160A				
MAXIMUM CONTINUOUS OUTPUT POWER:					
GROUP 1A	PH A-N, 24A	GROUP 1C	PH A-N, 24A	GROUP 1E	PH A-N, 24A
GROUP 2A	PH B-N, 24A	GROUP 2C	PH B-N, 24A	GROUP 2E	PH 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 1F	PH A-N, 24A
GROUP 2B	PH B-N, 24A	GROUP 2D	PH B-N, 24A	GROUP 2F	PH B-N, 24A
GROUP 3B	PH C-N, 24A	GROUP 3D	PH C-N, 24A	GROUP 3F	PH C-N, 24A
				GROUP 1G	PH A-N, 24A
				GROUP 2G	PH B-N, 24A
				GROUP 3G	PH C-N, 24A

INPUT/PLUG OPTION - 4P5W

HUBBELL POWERGAIN
HBL5200P415 200A/415V



HBL200MR SINGLE POLE 200A/250V



PLUG HOUSING COLOR

OUTPUT CONNECTOR OPTIONS

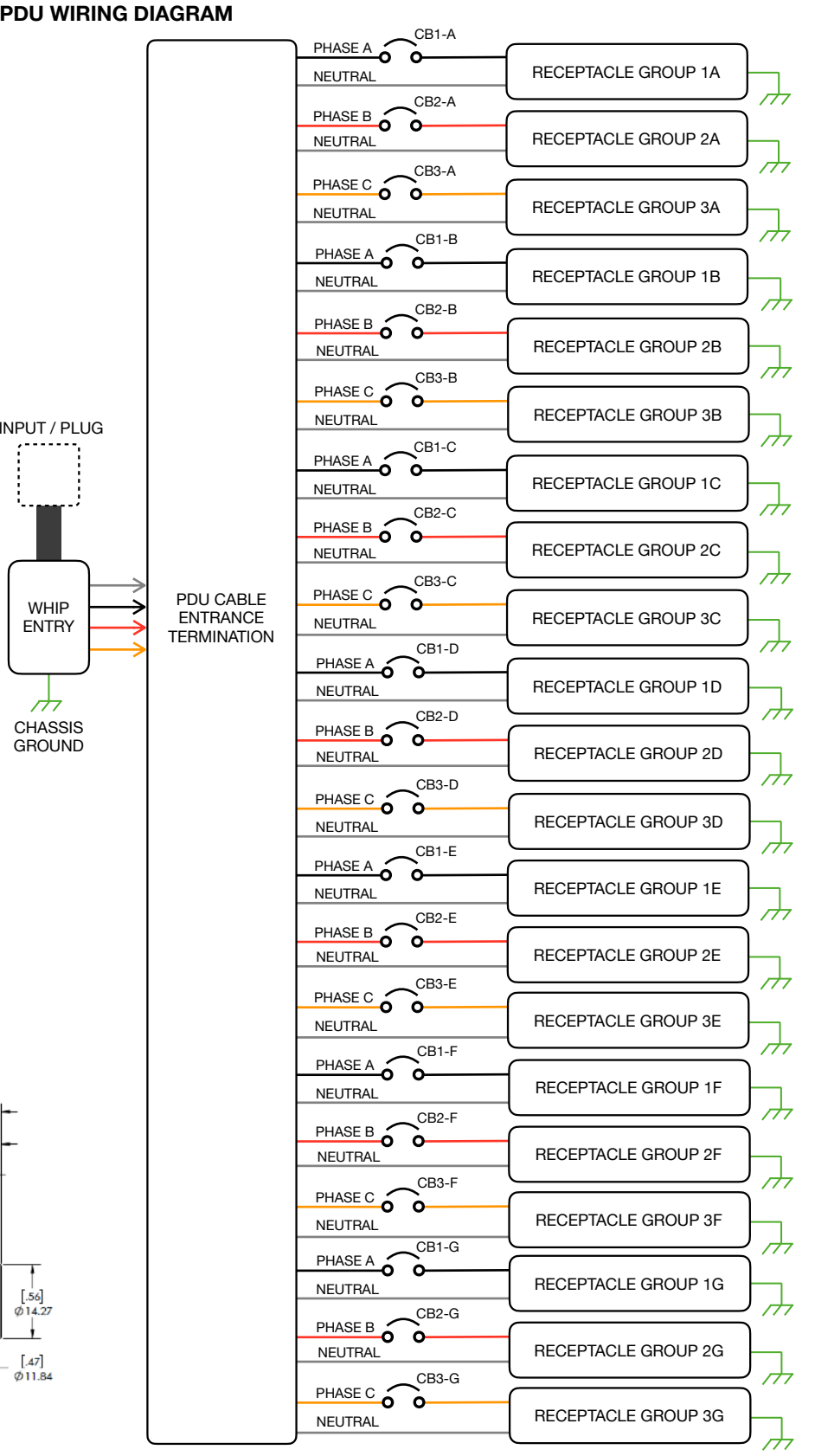
IEC 60320 C19
16A/250V, 20A/
250V N.A.

IEC 60320 C13
10A/250V, 15A/
250V N.A.

NEMA L6-30R
30A/250V

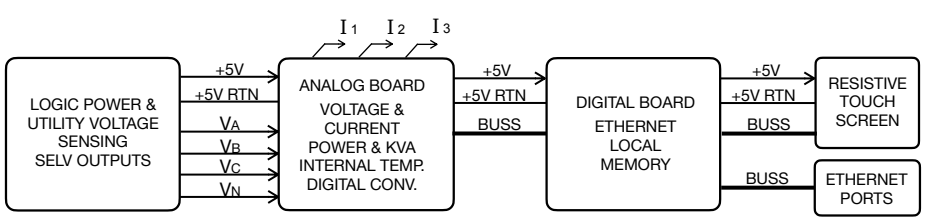
SEE CONFIGURATION TABLE FOR ACTUAL.

PDU WIRING DIAGRAM



MONITORING ONE-LINE

FOR MONITORED VERSIONS ONLY.



CT QUANTITY DETERMINED BY MODEL VARIATION

MADE AND ROBOTICALLY SOLDERED IN THE USA

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