

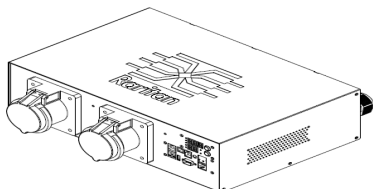
Technical Specification

Raritan PX
Model Number: PX2-5831R

200-240V
63A
12.6-15.1 KVA



Line Drawing



Features

Energy Metering	Voltage (V), Current (A), Active Power (kW), Real Power (kVA), Energy (kWh), Power Factor
Metering Accuracy	ISO/IEC 62053-21 1%
Metering per Input Line	Yes
Metering per Branch Circuit Breaker	Yes
Metering per Output Receptacle	Yes
Remote Outlet Switching	Yes
Environmental Sensor Ready	Yes
Networking	10/100 BaseT Ethernet. Optional WiFi (802.11a/b/g/n)
Remote Management	HTTP(s); SSH; Telnet; RS-232 (Serial); Power IQ; SNMP version v2/v3; SMTP; JSON-RPC
Cascading	Yes Max 8 PDUs can be daisy chained using a single Ethernet connection
Onboard Display	3-digit user-selectable display (can be selected between Manual and Auto Display Mode). Can display Line voltage, Line current, CB Current (if IPDU supports CB), Unit active power, Outlet Voltage, Outlet Current, and Outlet Active power
Compatible Sensors	Temperature, Humidity, Air Flow, Static Pressure Single cable connection provides temp/humidity monitoring at three points in cabinet (with a single sensor assembly)

Input

Input Plug	IEC 60309 2P+E 6h 63A 2P3W (L1/N/E) IP44("splashproof") (230V, Single phase)	
Cord Length	3 meters (9.84 feet) standard	
Cord Entry	Rear feed	
Cable Type	2P 3W	
Number of Power Cords	1	
Maximum Input Current	63A (per line)	
Nominal Input Voltage	230V, Single phase	
Rated Input Voltage	200 - 240V, Single phase	
Input Frequency	50/60Hz	
Power Capacity	12.6kVA at 200V, 15.1kVA at 240V	

Output

Nominal Output Voltage	230V
Rated Output Voltage	200 - 240V
Output Connections	(2) IEC 60309 2P+E 6h 63A; 63A
Overload Protection	N/A

Physical

Unit Dimensions (W x D x H)	17.3" x 11.5" x 5.2" ; 440 mm x 293 mm x 132 mm
Shipping Dimensions (W x D x H)	21.65" x 10.43" x 24.02" ; 550mm x 265mm x 610mm
Color	Black powder coat
Mounting	RACK-KIT-PX-3U

Environmental

Operating Environment	5 - 50°C (41 - 122°F)
Operating Relative Humidity	5-85%
Operating Elevation	0-10000ft

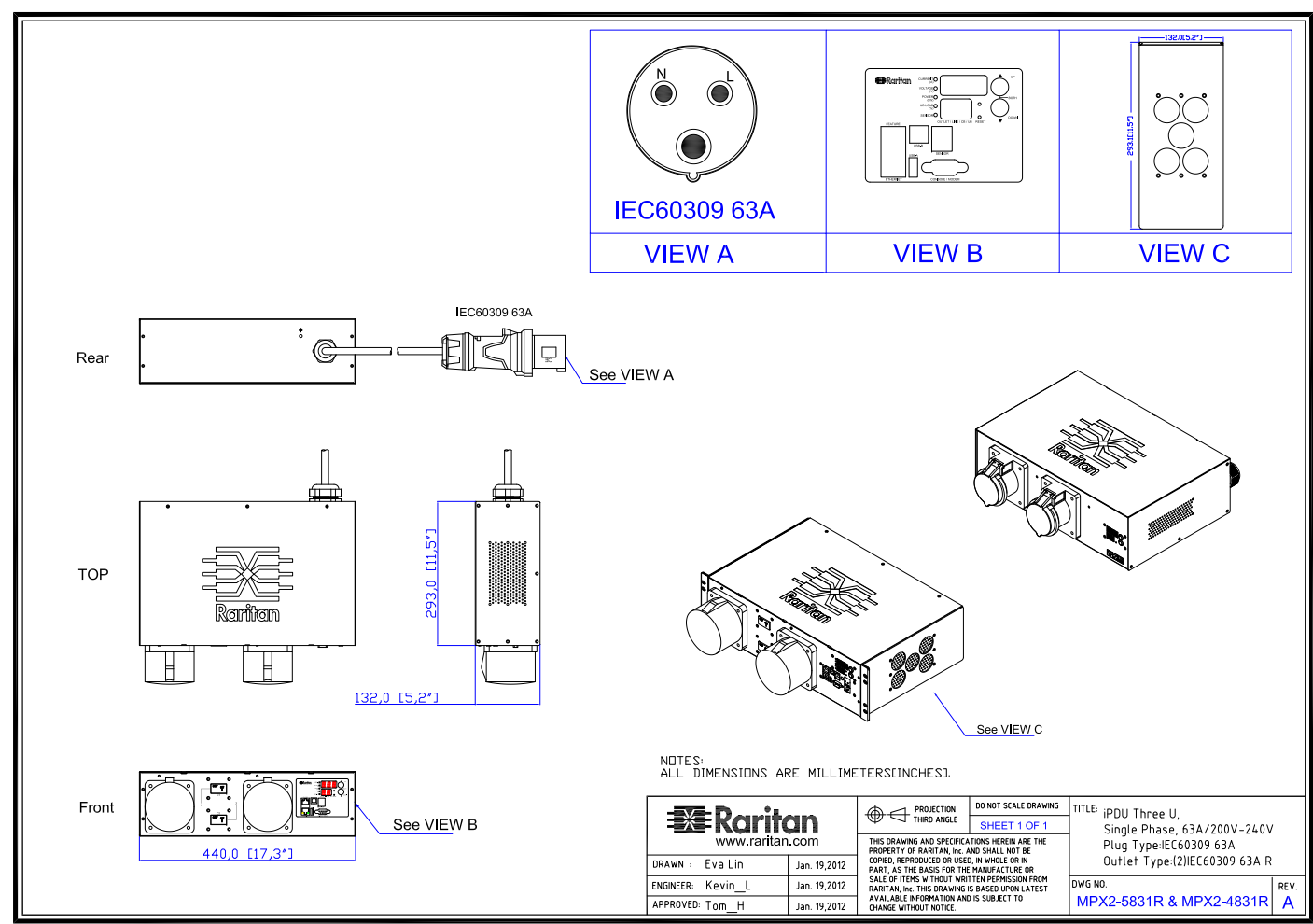
Conformance

Regulatory Approvals	CE Canada ICES-003, Class A Part 15 Class A of the FCC rules RoHS compliant
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Diagram illustrating the rear panel connections for the Raritan KVM switch. The panel includes the following ports and controls:

- CURRENT (A)**: Three red-outlined rectangular ports for current measurement.
- VOLTAGE (V)**: Three red-outlined rectangular ports for voltage measurement.
- POWER (kW)**: Two red-outlined rectangular ports for power measurement.
- UB LOAD (%)**: Two red-outlined rectangular ports for UB load measurement.
- SENSOR**: Two red-outlined rectangular ports for sensor input.
- OUTLET / LINE / CB / UB**: Four small circular ports for outlet, line, CB, and UB signals.
- RESET**: Two small circular ports for reset functionality.
- ETHERNET**: Two RJ45 ports for Ethernet connectivity.
- UP**: A small circular port for the UP signal.
- BOTH**: A small circular port for the BOTH signal.
- DOWN**: A small circular port for the DOWN signal.
- USB-A**: A standard USB-A port.
- USB-B**: A standard USB-B port.
- CONSOLE / MODEM**: A D-sub connector for console or modem connection.
- RARITAN KVM**: The main Raritan KVM connector.

Mechanical Diagram



Compatible Sensors

Environmental	DPX-T1 : single temperature node DPX-T2H2 : 2 nodes: each providing both temp + humidity DPX-T3H1 : 3 temperature nodes; one also with humidity DPX-TDP1 : temperature + differential air pressure DPX-AF1 : air flow sensor DPX-CC2-TR : Dual contact closure sensor
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