

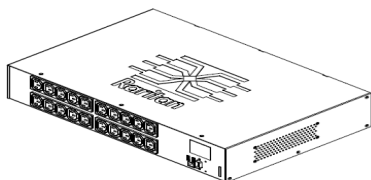
Technical Specification

Raritan PX
Model Number: PX3-5466R

200-240V
32A
6.4-7.7KVA



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	User-selectable display (voltage, current, or active power: per line, per breaker, or per receptacle)
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)
Replaceable controller	No

Input

Input Plug	IEC 60309 2P+E 6h 32A 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	32A (per line)	
Nominal Input Voltage	230V, Single phase	
Rated Input Voltage	200 - 240V, Single phase	
Input Frequency	50/60Hz	
Power Capacity	6.4kVA at 200V, 7.7kVA at 240V	

Output

Nominal Output Voltage	230V
Rated Output Voltage	200 - 240V
Output Connections	(20) IEC 60320 C13 2-pole, 3-wire; 10A
Overload Protection	(2) 16A 1-pole Airpax LEGBX6-37483-16-V circuit breaker

Physical

Unit Dimensions (W x D x H)	17.3" x 11.5" x 3.5" ; 440mm x 293mm x 88mm
Shipping Dimensions (W x D x H)	21.73" x 11.18" x 22.05" ; 552mm x 284mm x 560mm
Color	Black powder coat
Mounting	RACK-KIT-PX-2U

Environmental

Operating Environment	5 - 60°C (41 - 140°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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Raritan

CONSOLE / MODEM

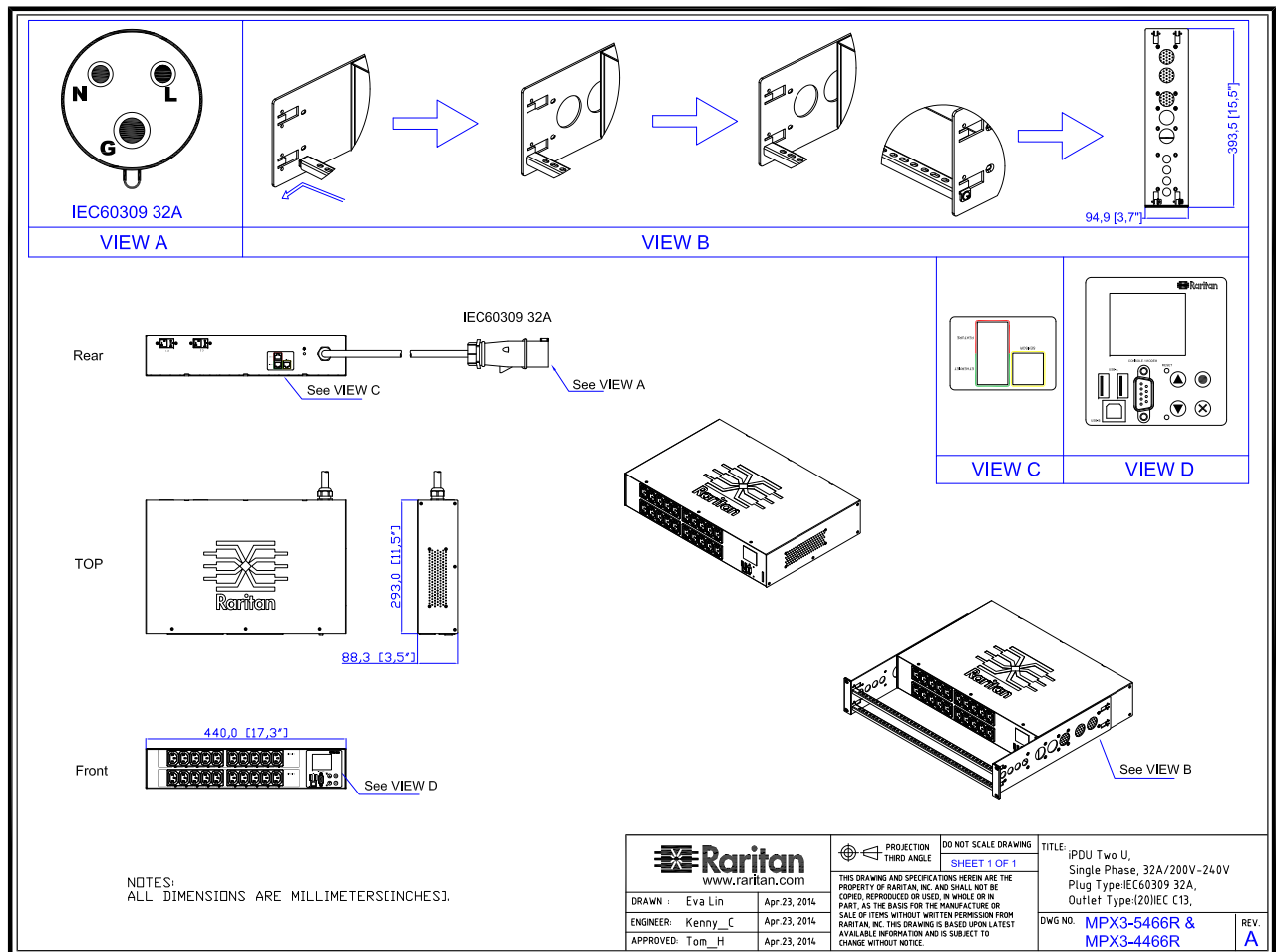
USB-A

USB-B

RESET

The diagram illustrates a 3-phase 4-wire power distribution system. A 3-phase motor is connected to a 3-phase 4-wire supply (L1, L2, L3, N). The supply is connected to two 16A circuit breakers, C1 and C2. C1 is connected to two MSP430 5~1 modules, and C2 is connected to two MSP430 4~5 modules. The modules are connected to a 3-phase 4-wire supply (L1, L2, L3, N). The supply is connected to two 16A circuit breakers, C1 and C2. C1 is connected to two MSP430 5~1 modules, and C2 is connected to two MSP430 4~5 modules. The modules are connected to a 3-phase 4-wire supply (L1, L2, L3, N).

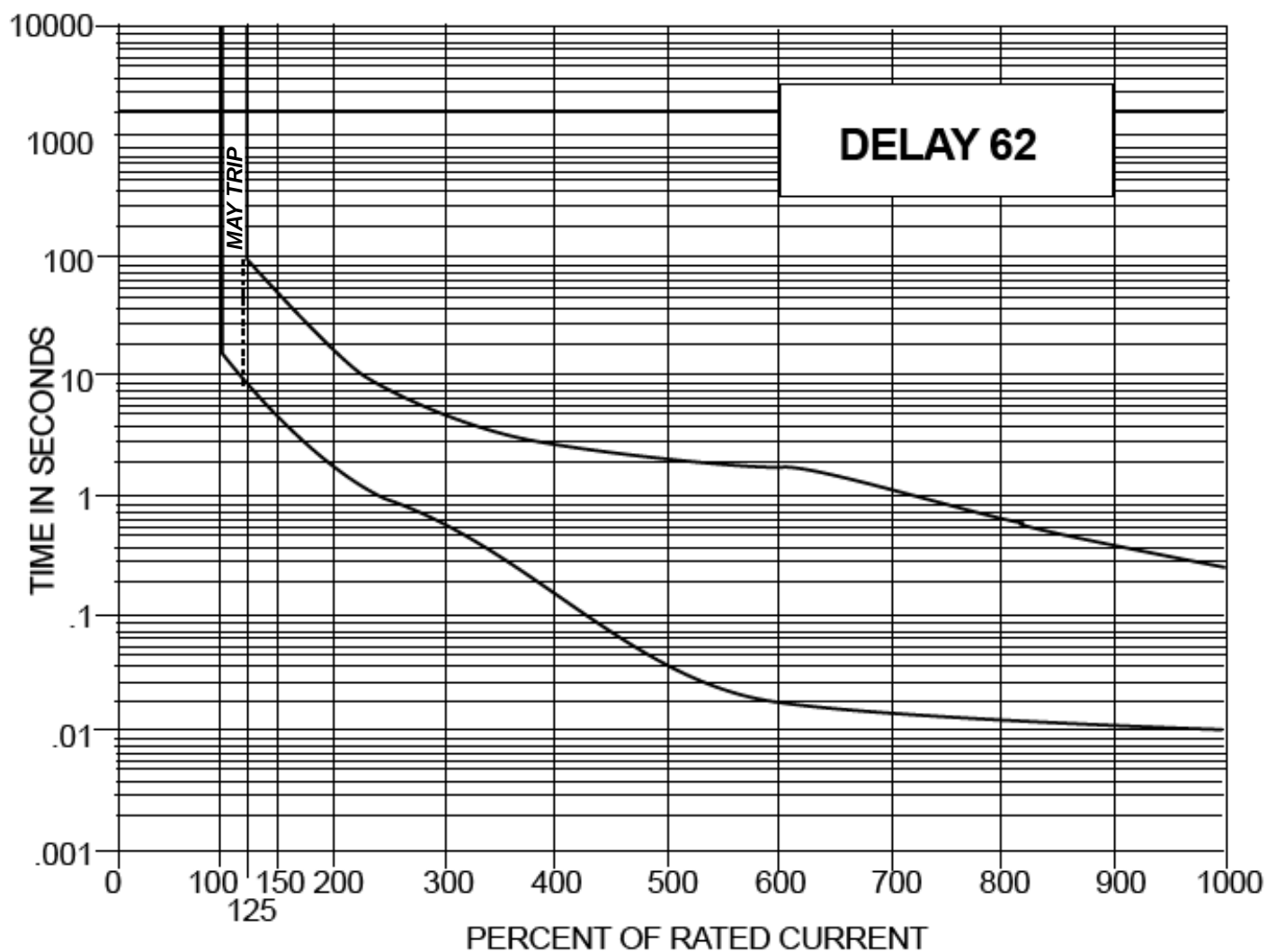
Mechanical Diagram



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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Trip Curve of Circuit Breaker



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