

Technical Specification

Raritan PX
Model Number: PX3-5497V

200-240V
24A
4.8-5.8KVA



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	Yes

Input

Input Plug	NEMA L6-30P IP44("splashproof") (208V, Single phase)	
Cord Length	3 meters (9.84 feet) standard	
Cord Entry	Bottom-bottom feed	
Cable Type	2P 3W	
Number of Power Cords	1	
Maximum Input Current	30A (per line)	
Rated Input	24A (per line) (North America)	
Nominal Input Voltage	208V, Single phase	
Rated Input Voltage	200 - 240V, Single phase	
Input Frequency	50/60Hz	
Power Capacity	4.8kVA at 200V, 5.8kVA at 240V	

Output

Nominal Output Voltage	208V
Rated Output Voltage	200 - 240V
Output Connections	a. (20) IEC 60320 C13 2-pole, 3-wire; 12A (regulatory derated from 15A) b. (4) IEC 60320 C19 2-pole, 3-wire; 16A (regulatory derated from 20A)
Overload Protection	(2) 20A 2-pole LEGBXA66-20 circuit breaker
Cable Retention	Raritan SecureLock™ Ready Optional retention clips are also available

Physical

Unit Dimensions (W x D x H)	2.1" x 2.6" x 60.6" ; 52mm x 65mm x 1539mm
Shipping Dimensions (W x D x H)	11.02" x 4.53" x 71.46" ; 280mm x 115mm x 1815mm
Color	Black powder coat
Mounting	G2-RACK-FOR-ZU

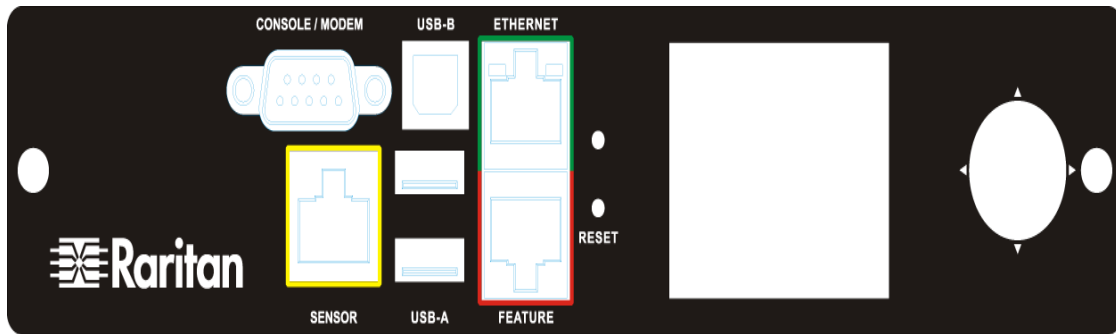
Environmental

Operating Environment	5 - 60°C (41 - 140°F)
Operating Relative Humidity	5-85%
Operating Elevation	0-10000ft

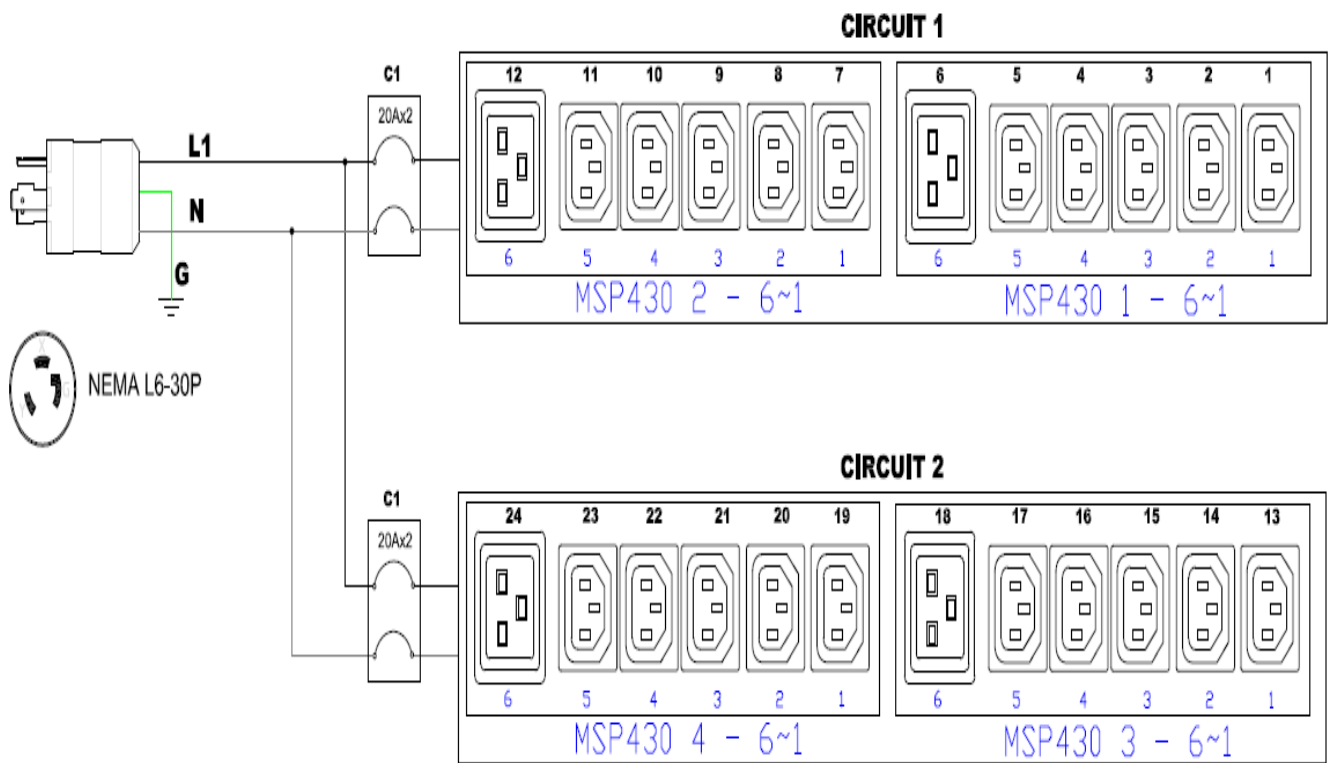
Conformance

Regulatory Approvals	UL Listed Canada ICES-003, Class A Part 15 Class A of the FCC rules RoHS compliant
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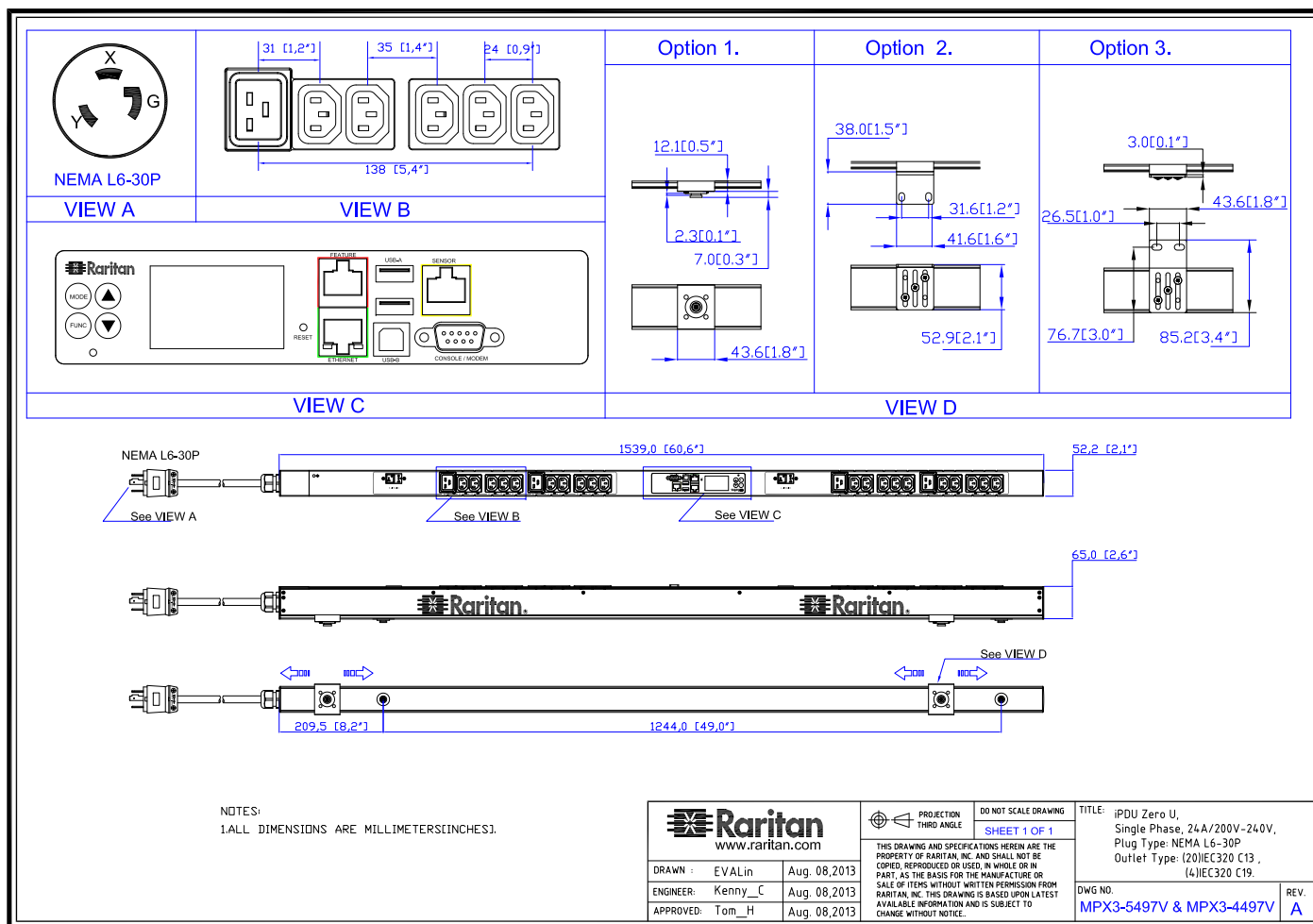
Control Panel Detail



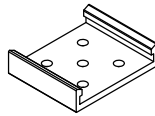
Electrical Drawing Detail



Mechanical Diagram



250-70-0104-00



Technical drawing of a mechanical part, showing a side view with dimensions and a 3D perspective view.

Dimensions (mm):

- Overall width: 31.50
- Distance from left edge to center of first hole: 5.10
- Distance from center of first hole to center of second hole: 21.50
- Distance from center of second hole to right edge: 11.80
- Distance from left edge to center of third hole: 5.00
- Distance from center of third hole to center of fourth hole: 5.80
- Distance from center of fourth hole to right edge: 6.80
- Overall height: 95.20
- Distance from top edge to center of first hole: 38.00
- Distance from center of first hole to center of second hole: 5.30
- Distance from center of second hole to center of third hole: 43.30
- Distance from center of third hole to center of fourth hole: 11.60
- Distance from center of fourth hole to bottom edge: 9.14
- Distance from bottom edge to center of first hole: 6.20
- Distance from center of first hole to center of second hole: 23.20
- Distance from center of second hole to center of third hole: 43.60
- Distance from center of third hole to center of fourth hole: 11.60
- Distance from center of fourth hole to right edge: 9.14

Notes:

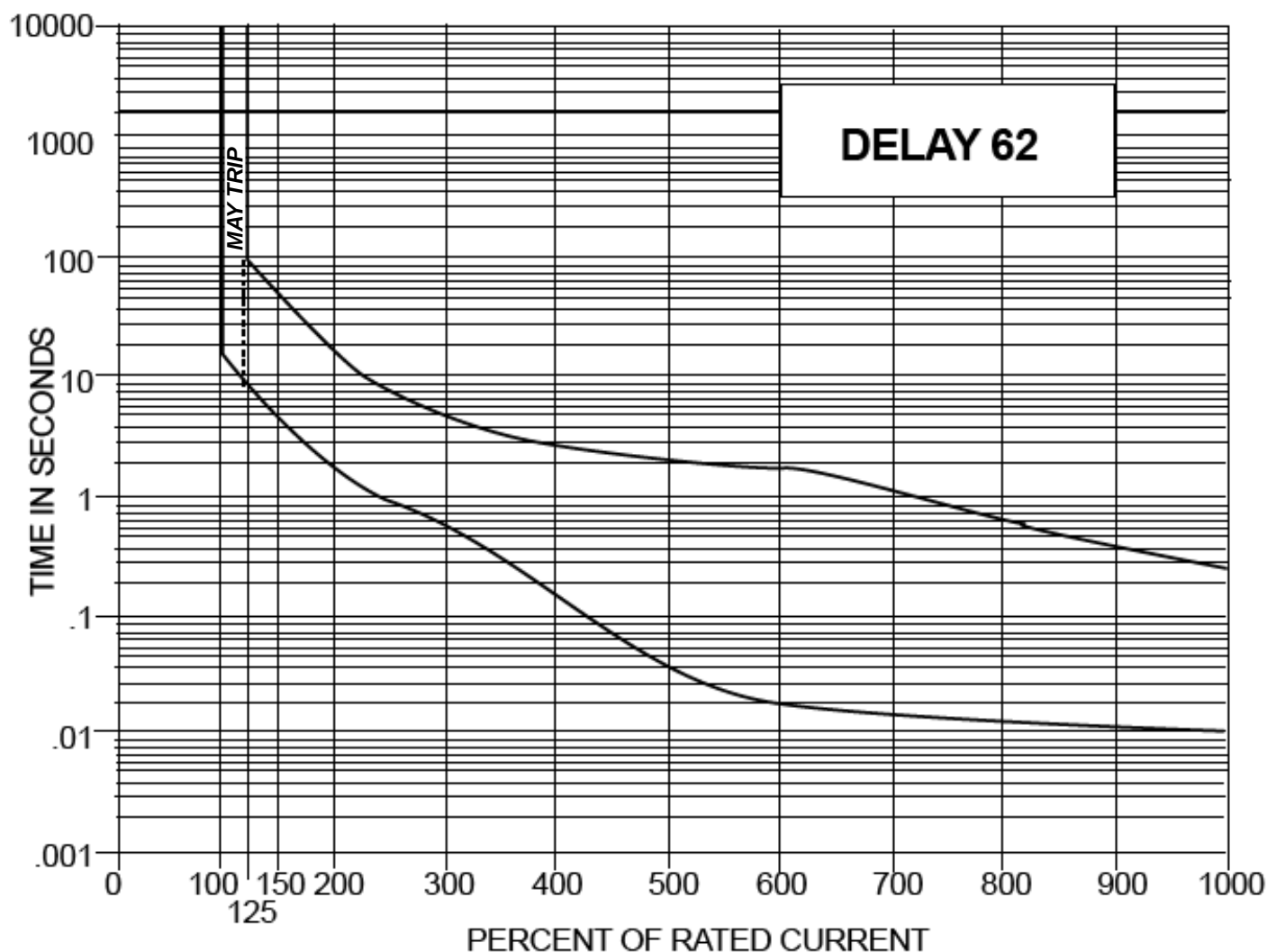
- M5 (Thread specification)
- Ø23 (Hole diameter)

3D Perspective View: A perspective view of the part, showing its rectangular shape and the four elongated slots.

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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