PX3-5902R-Q1
208V, 3Φ Delta
24A, 8.6kVA

Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-5902R-Q1

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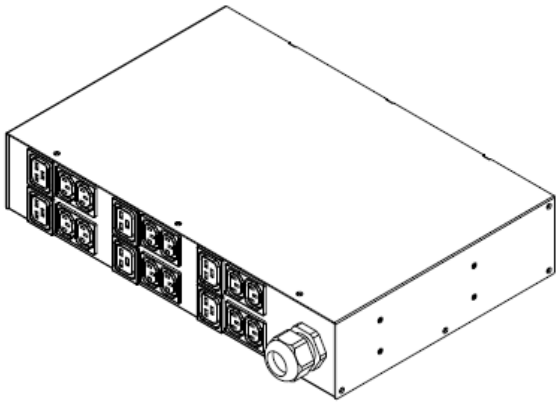
LINE DRAWING



FEATURES

Energy Metering	Voltage (V), Current (A), Active Power (kW), Real Power (kVA), Energy (kWh), Power Factor
Metering Accuracy	ISO/IEC 62053-21 1% (see page 3 for details)
Metering per Input Line	Yes
Metering per Branch Circuit Breaker	Yes
Metering per Output Receptacle	Yes
Remote Outlet Switching	Yes
Environmental Sensor Ready	Yes
Replaceable Controller	No
Compatible Sensors	Temperature, Humidity, Air Flow, Differential Pressure, Water Leak, and Contact Closure
Networking	Gigabit (10/100/1000 BaseT) Ethernet port; secondary, redundant (10/100 BaseT) Ethernet port. 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; Modbus over TCP
Cascading	Yes, Max 16 PDUs can be daisy chained using a single Ethernet or USB connection
Onboard Display	Color, matrix LCD display : Voltage, current, or active power (per line, per breaker, or per receptacle / outlet); Alarms; Configuration information (name, ratings, IP / Networking information)
Embedded Processor	ARM Cortex A5 536MHZ (Atmel A5D35A), 16MB SPI Flash, 64MB DDR2 RAM

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INPUT

Input Plug	NEMA L21-30P (3P4W)
Cord Length	3 meters (9.84 feet) standard
Cord Entry	Front feed
Cable Type	IP44("splashproof")
Number of Power Cords	1
Maximum Input Current	30A
Nominal Input Voltage	208V 3 phase
Rated Input Voltage	190 - 208V 3 phase
Input Frequency	50/60Hz
Power Capacity	7.9kVA at 190V, 8.6kVA at 208V

OUTPUT

Nominal Output Voltage	208V
Rated Output Voltage	190 - 208V
Receptacles (Output Connections)	(12) IEC320 C13, 12A (6) IEC320 C19, 16A
Securelock Support	Yes
Cord Retention	No
Overload Protection	(3) LEGBX66-20

PHYSICAL

Color	Black powder coat (custom colors available)
Unit Dimensions (WxDxH)	17.3" x 11.5" x 3.5" ; 440mm x 293mm x 88mm
Unit Weight	7.7 kg
Shipping Weight	11.5 kg
Shipping Dimensions (WxDxH)	22.05" x 21.73" x 11.18" ; 560mm x 552mm x 284mm
Mounting	RACK-KIT-PX-2U

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ENVIRONMENTAL

Operating Temperature	60°C
Operating Relative Humidity	85%
Operating Elevation	0-10000ft

CONFORMANCE

Regulatory Approvals	UL Listed, Canada ICES-003, Part 15 Class A of the FCC rules, RoHS compliant
Warranty	Standard 2 years manufacturer warranty

ACCURACY

	Input Measurement	Output Measurement
LCD & GUI Current	±1% at 0.1 A resolution	±1% at 0.1 A resolution
Voltage	±1% at 0.1 V resolution	±1% at 0.1 V resolution
Active Power	±1% at 1 W resolution	±1% at 1 W resolution
Apparent Power	±1% at 1 VA resolution	±1% at 1 VA resolution
Power Factor	±1% at 0.1 resolution	±1% at 0.1 resolution
Active Energy	±1% at 0.1 kWh resolution	±1% at 0.1 kWh resolution
Branch Measurement		
Current	±1% at 0.1 A resolution	

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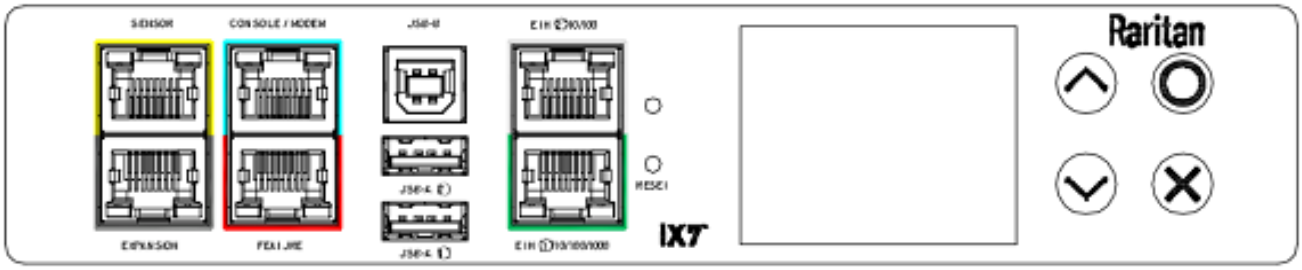
CONTROL PANEL



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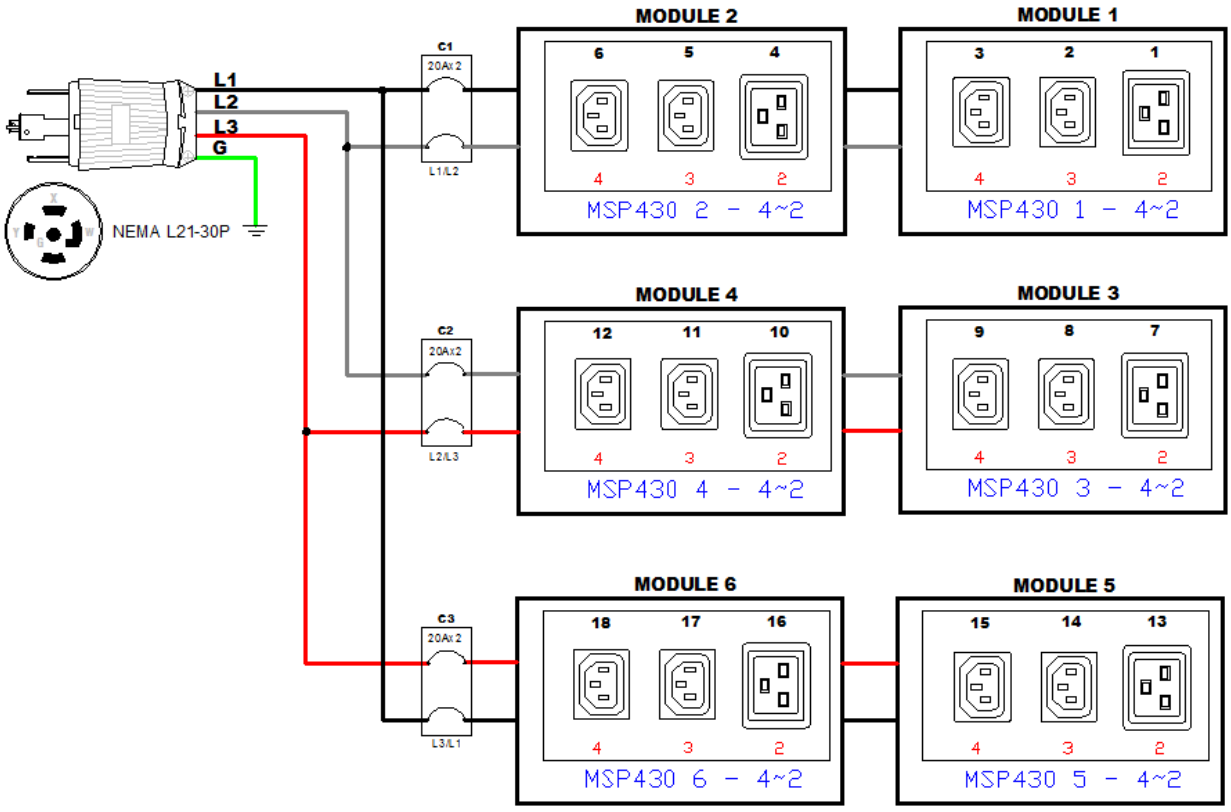
ELECTRICAL (ONE LINE) DIAGRAM



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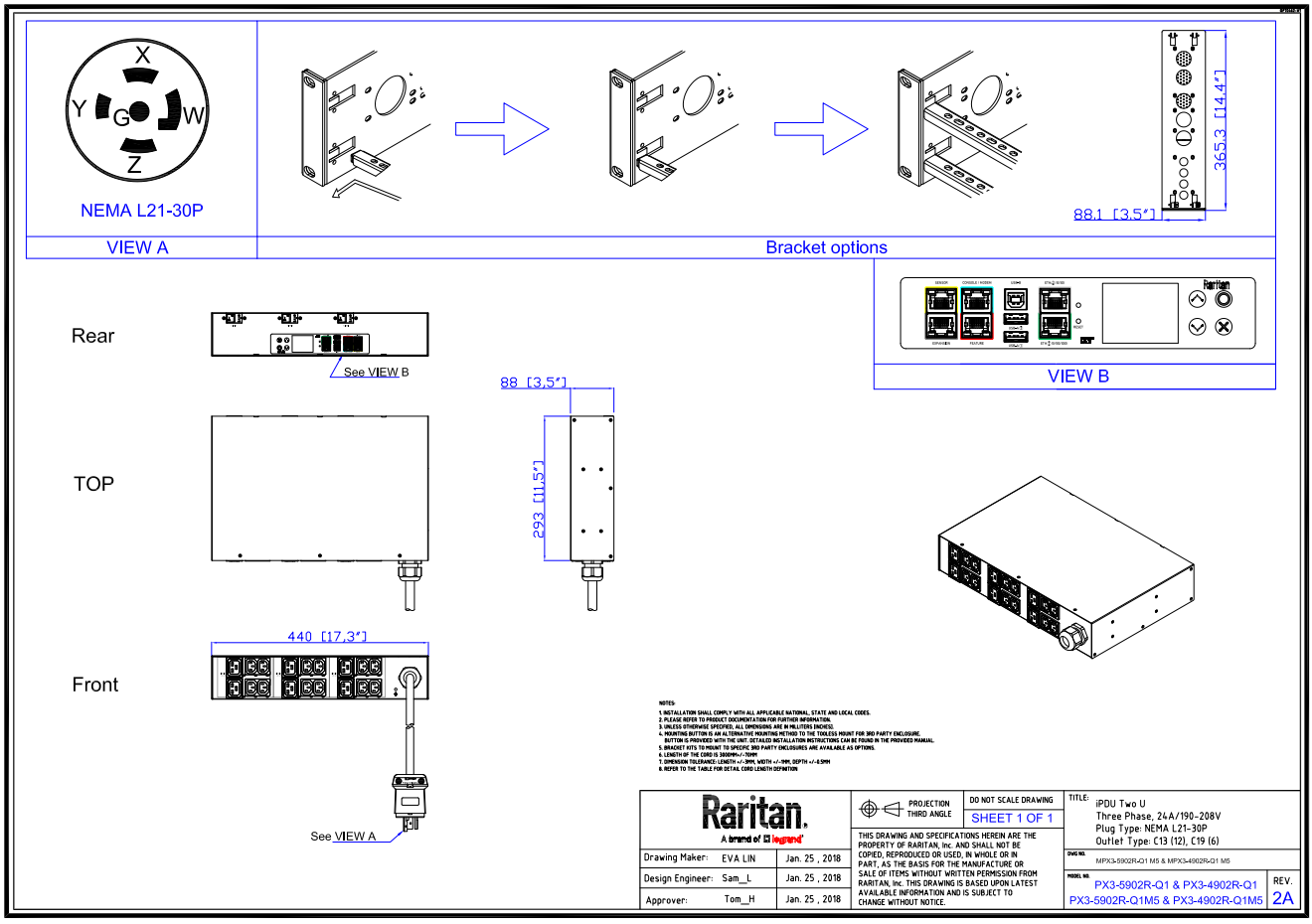
MECHANICAL DIAGRAM



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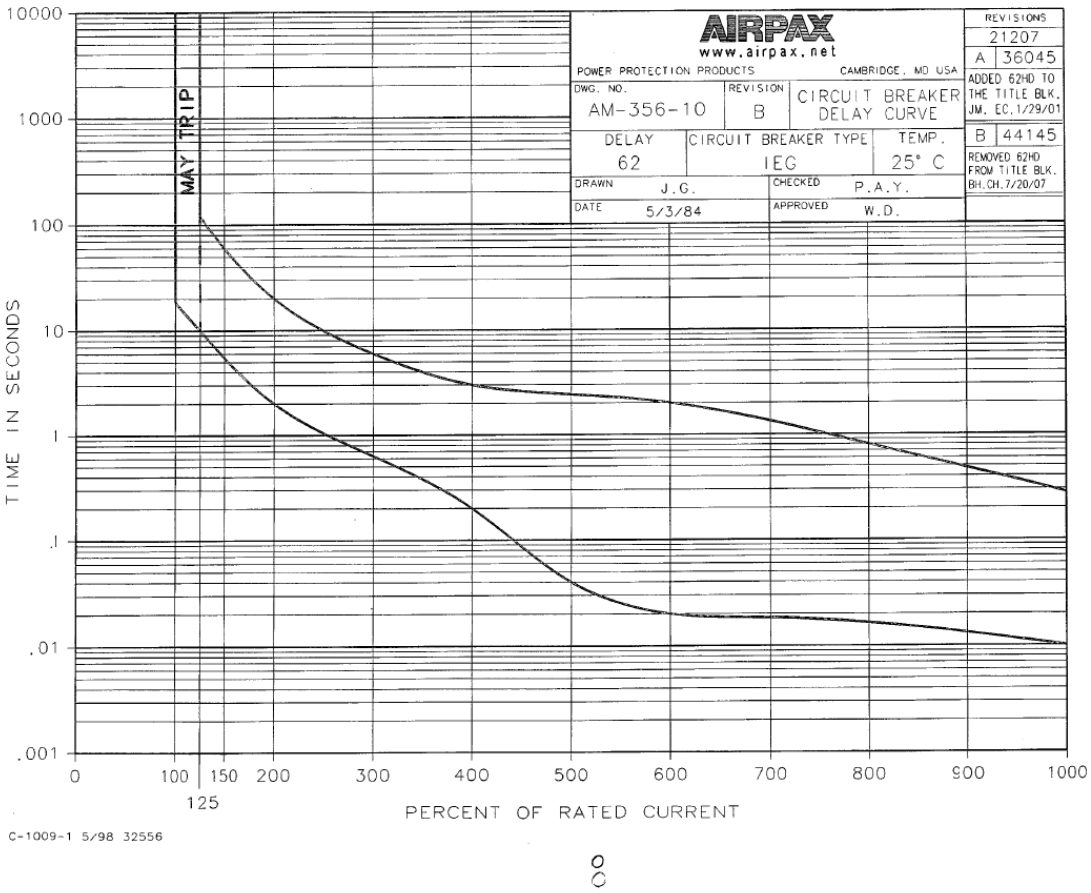
TRIP CURVE



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