

Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-5872XV-E2M5P1V2

rev20250625

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	Yes
Residual Current Monitoring	Yes, Type A (Detects AC leakage and is rated down to 6mA (IEC62020) leakage current across all lines)
Compatible Sensors	Temperature, Humidity, Air Flow, Differential Pressure, Water Leak, and Contact Closure
Networking	Gigabit (10/100/1000 BaseT) Ethernet port; secondary, redundant (10/100/1000 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 32 PDUs can be daisy chained using a USB connection and 32 PDUs using Ethernet 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); Auto-flip orientation
Embedded Processor	ARM Cortex A5 536MHZ (Atmel A5D35A), 16MB SPI Flash, 64MB DDR2 RAM

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INPUT

Input Plug	AC Terminal (N/A)
Cord Length	N/A
Cord Entry	Bottom-bottom feed
Cable Type	N/A
Number of Power Cords	N/A
Maximum Input Current	32A
Nominal Input Voltage	400V 3 phase
Rated Input Voltage	380 - 415V 3 phase
Input Frequency	50/60Hz
Power Capacity	21.1kVA at 380V, 23.0kVA at 415V

OUTPUT

Nominal Output Voltage	230V
Rated Output Voltage	220 - 240V
Receptacles (Output Connections)	(36) IEC60320 C13 Locking, 10A (6) IEC60320 C19 Locking, 16A
Securelock Support	Yes
Cord Retention	No
Overload Protection	(6) Airpax LEGBX6-37483-16-V, 5KAIC

PHYSICAL

Color	Black powder coat (custom colors available)
Unit Dimensions (WxDxH)	2.1" x 2.8" x 87.0" ; 52mm x 71mm x 2210mm
Unit Weight	7.2 kg
Shipping Weight	10.4 kg
Shipping Dimensions (WxDxH)	8.46" x 6.5" x 95.59" ; 215mm x 165mm x 2428mm
Mounting	G2-RACK-FOR-ZU

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ENVIRONMENTAL

Operating Temperature	60°C
Operating Relative Humidity	85%
Operating Elevation	0-6000ft

CONFORMANCE

Regulatory Approvals	CE, 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

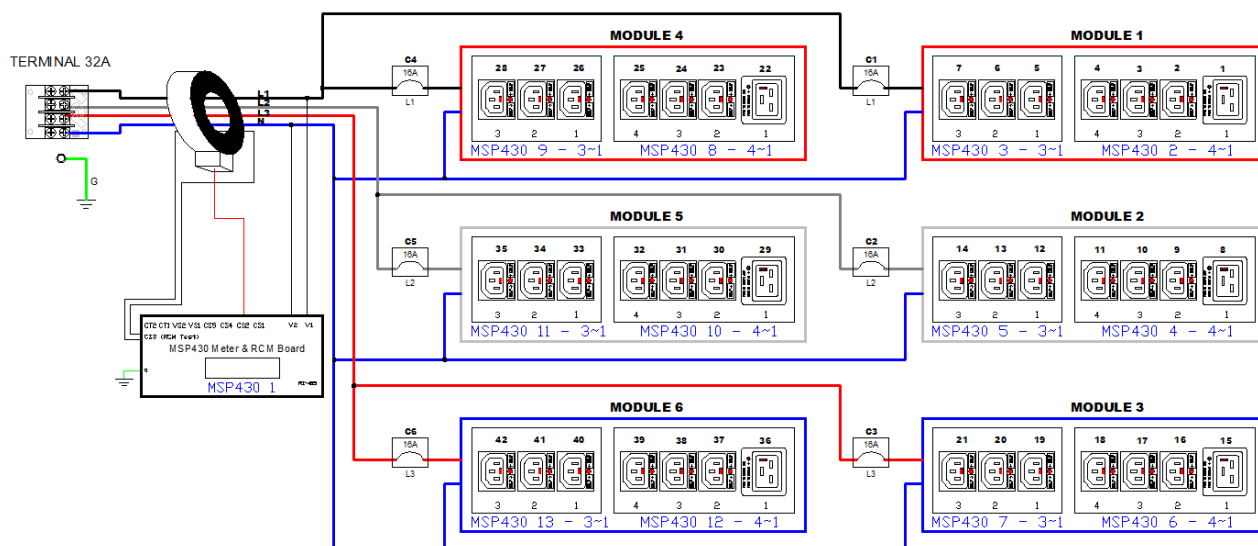


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rev20250625

ELECTRICAL (ONE LINE) DIAGRAM

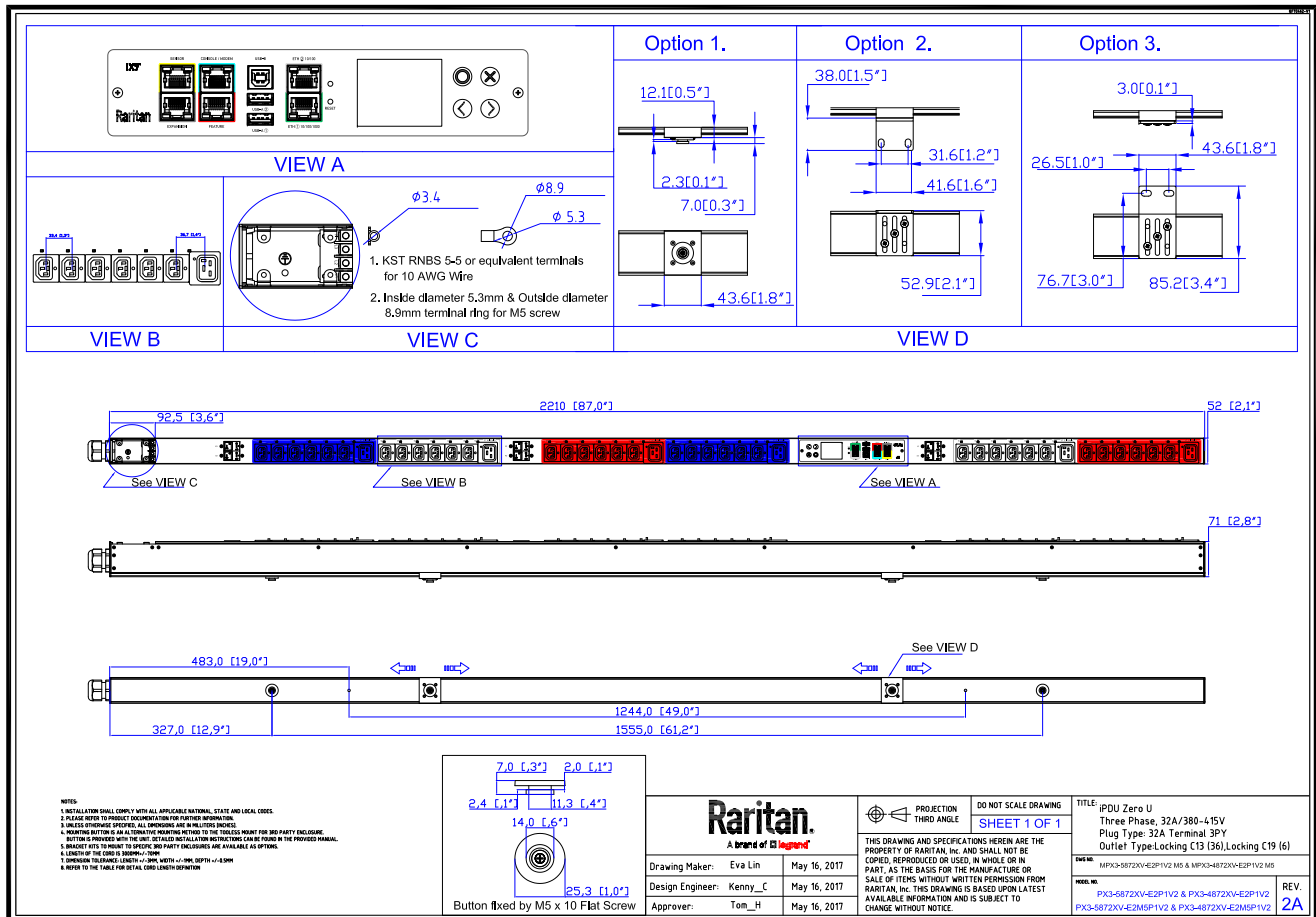


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rev20250625

MECHANICAL DIAGRAM



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rev20250625

Mounting Diagram (G2-RACK-FOR-ZU)

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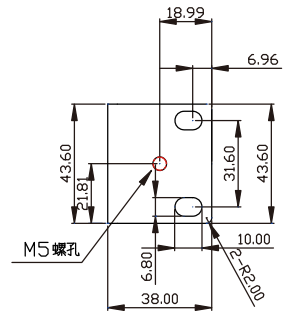
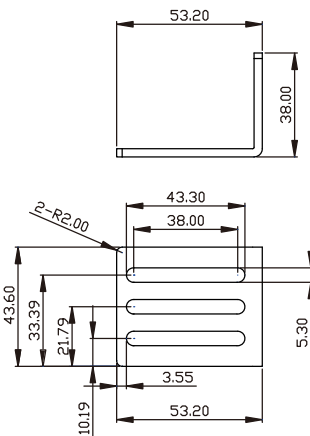
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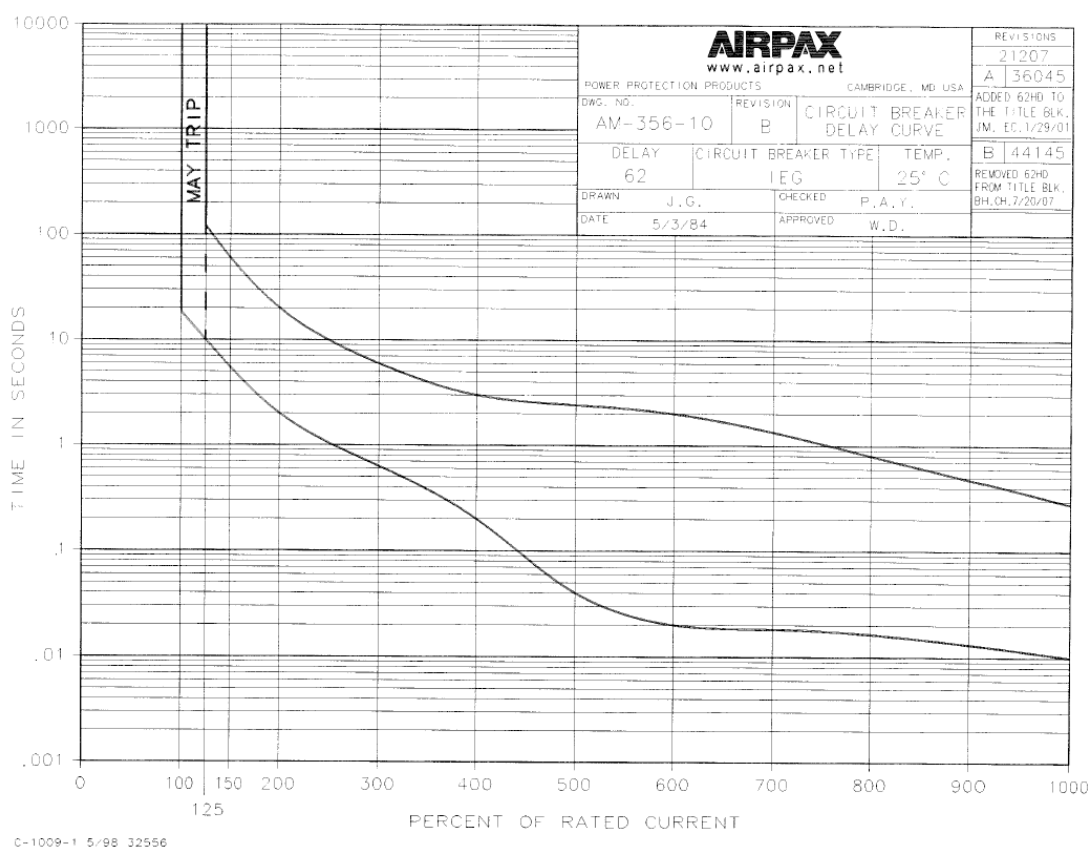


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TRIP CURVE



7

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