

## Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-1842V-E2M5

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	No
Remote Outlet Switching	No
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 or per breaker); 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	IEC 60309 2P+E 6h 32A (2P3W), IP44
Cord Length	3 meters (9.84 feet) standard
Cord Entry	Bottom-bottom feed
Cable Type	N-S LSOH 3G6.0
Number of Power Cords	1
Maximum Input Current	32A
Nominal Input Voltage	230V
Rated Input Voltage	200 - 240V
Input Frequency	50/60Hz
Power Capacity	6.4kVA at 200V, 7.7kVA at 240V

### OUTPUT

Nominal Output Voltage	230V
Rated Output Voltage	200 - 240V
Receptacles (Output Connections)	(24) IEC60320 C13 Locking, 10A (6) IEC60320 C19 Locking, 16A
Securelock Support	Yes
Cord Retention	No
Overload Protection	(2) LEGBXA6-16, 5KAIC

### PHYSICAL

Color	Black powder coat (custom colors available)
Unit Dimensions (WxDxH)	2.1" x 2.2" x 70.1" ; 52mm x 55mm x 1780mm
Unit Weight	7 kg
Shipping Weight	9 kg
Shipping Dimensions (WxDxH)	9.06" x 4.65" x 81.1" ; 230mm x 118mm x 2060mm
Mounting	Tool-less button mount

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

### Branch Measurement

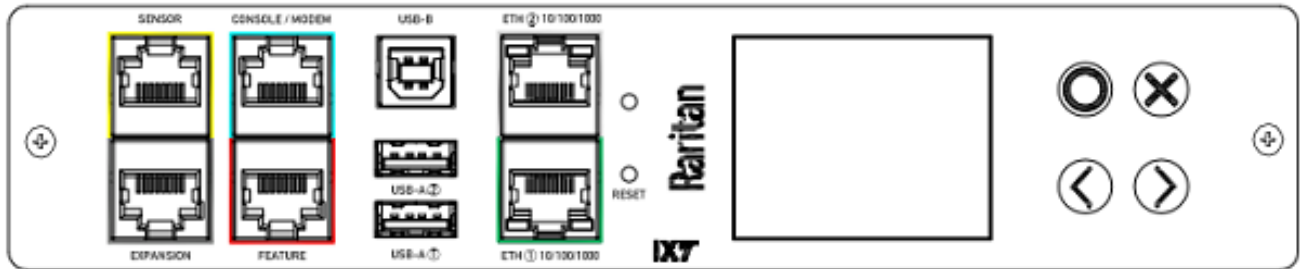
Current	±1% at 0.1 A resolution
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### CONTROL PANEL

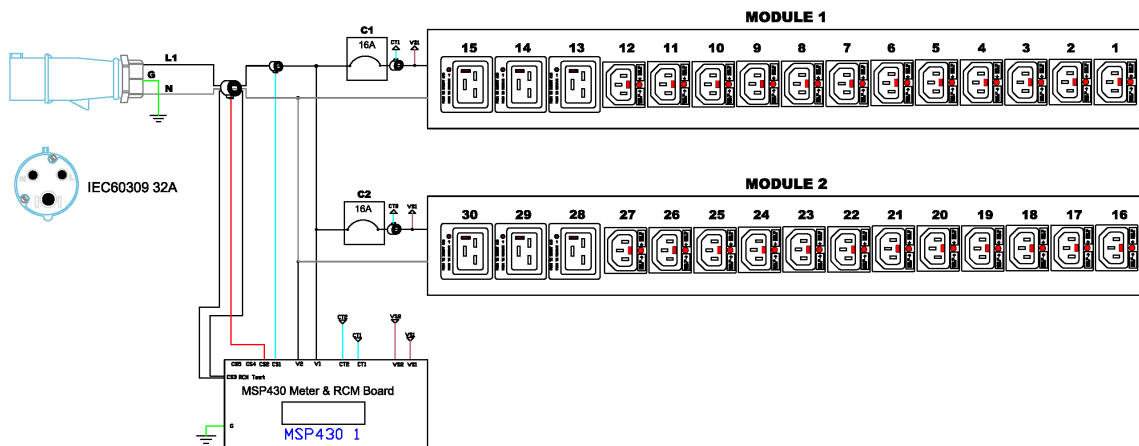


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### ELECTRICAL (ONE LINE) DIAGRAM

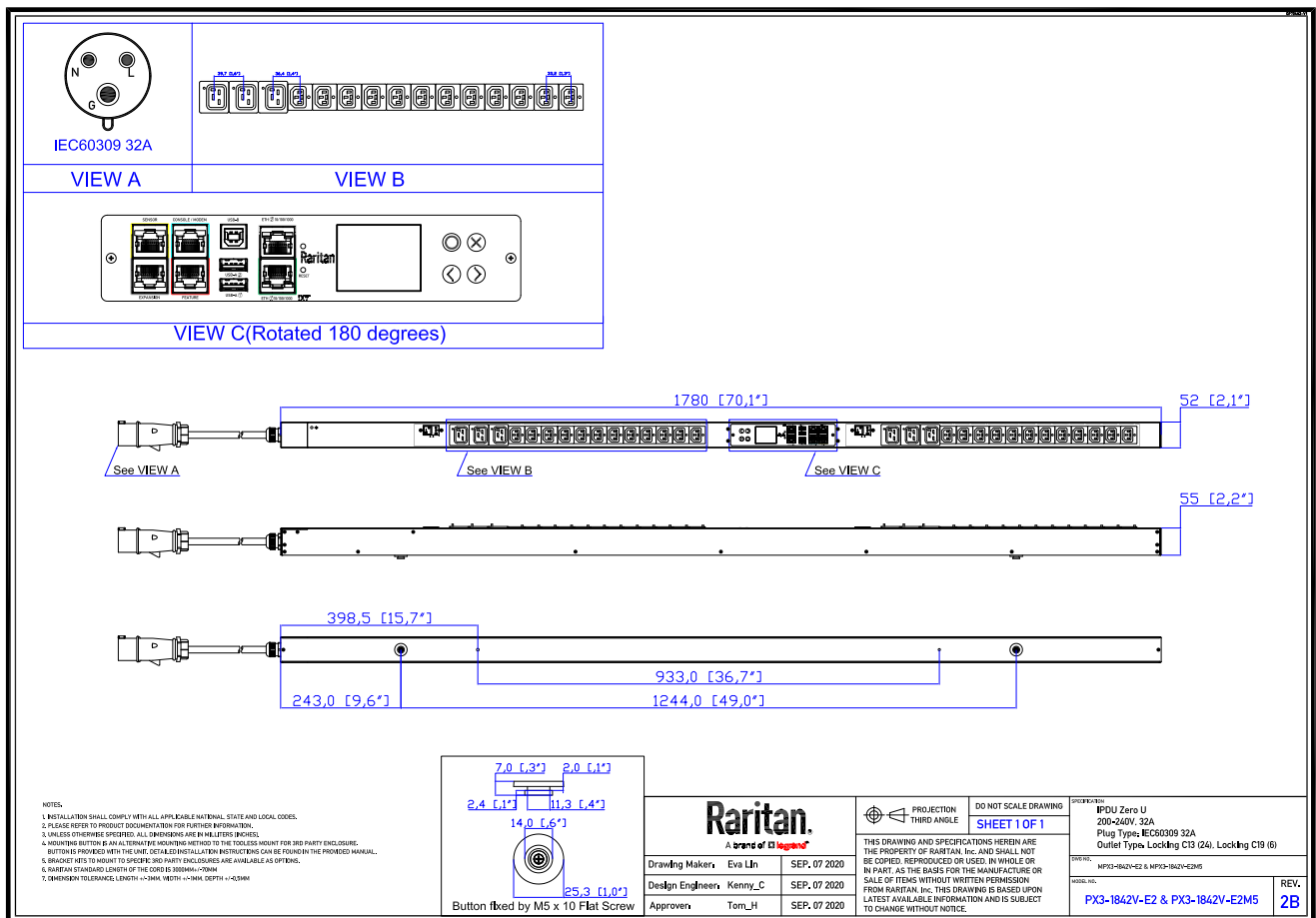


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### MECHANICAL DIAGRAM

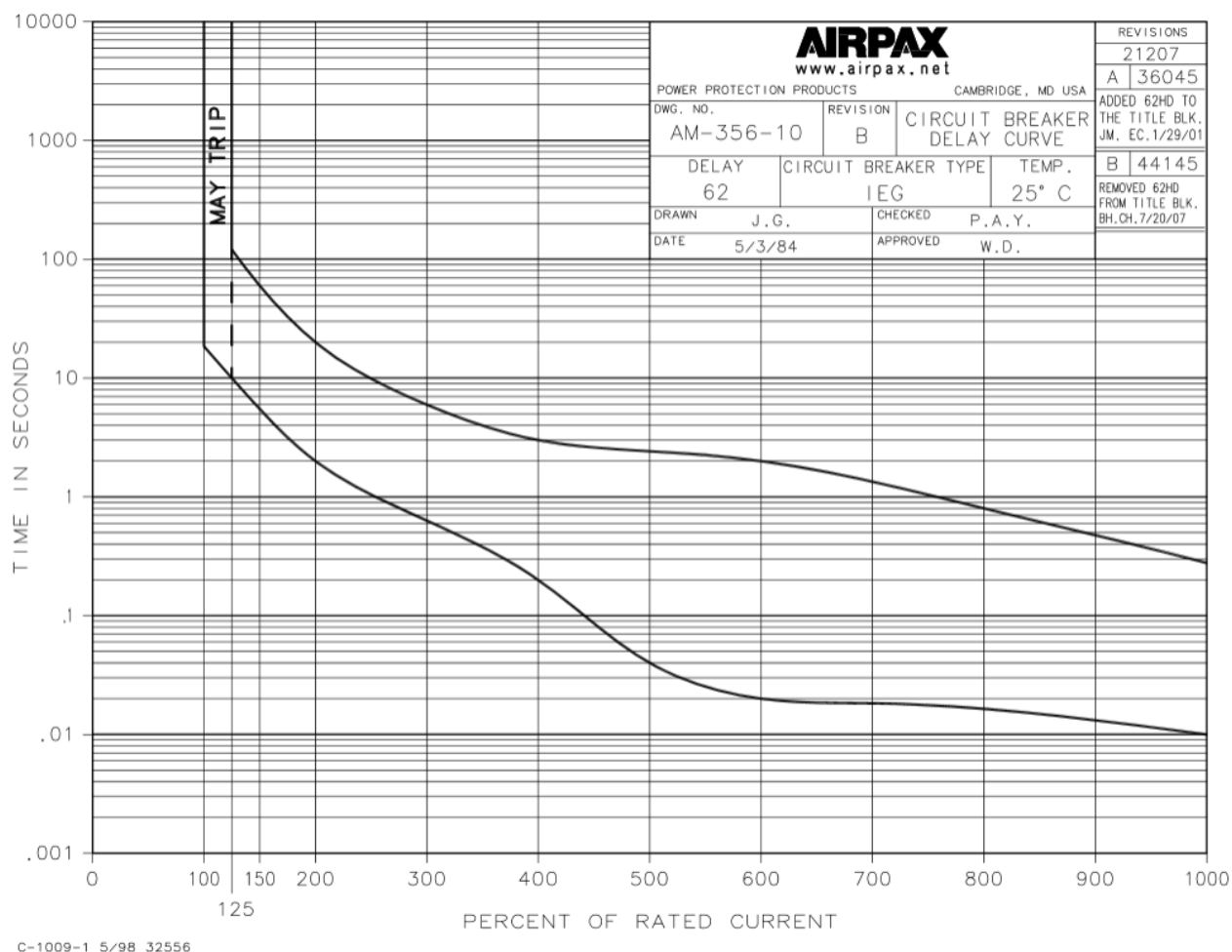


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### TRIP CURVE



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