

## Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-5785U-V2

rev20190729

### 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
Replaceable Controller	Yes
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 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); 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 3P+E 9h 60A (3P4W)
Cord Length	3 meters (9.84 feet) standard
Cord Entry	Top-end feed
Cable Type	IP67("Watertight")
Number of Power Cords	1
Maximum Input Current	60A
Nominal Input Voltage	208V 3 phase
Rated Input Voltage	208 - 240V 3 phase
Input Frequency	50/60Hz
Power Capacity	17.3kVA at 208V, 20.0kVA at 240V

### OUTPUT

Nominal Output Voltage	208V
Rated Output Voltage	208 - 240V
Receptacles (Output Connections)	(48) IEC320 C13, 12A (6) IEC320 C19, 16A
Securelock Support	Yes
Cord Retention	Yes
Overload Protection	(6) LEGBX66-20

### PHYSICAL

Color	Black powder coat (custom colors available)
Unit Dimensions (WxDxH)	3.5" x 3.1" x 70.1" ; 89mm x 80mm x 1780mm
Unit Weight	15 kg
Shipping Weight	18 kg
Shipping Dimensions (WxDxH)	12.99" x 5.51" x 80.2" ; 330mm x 140mm x 2037mm
Mounting	Tool-less button mount

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### ENVIRONMENTAL

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

### CONFORMANCE

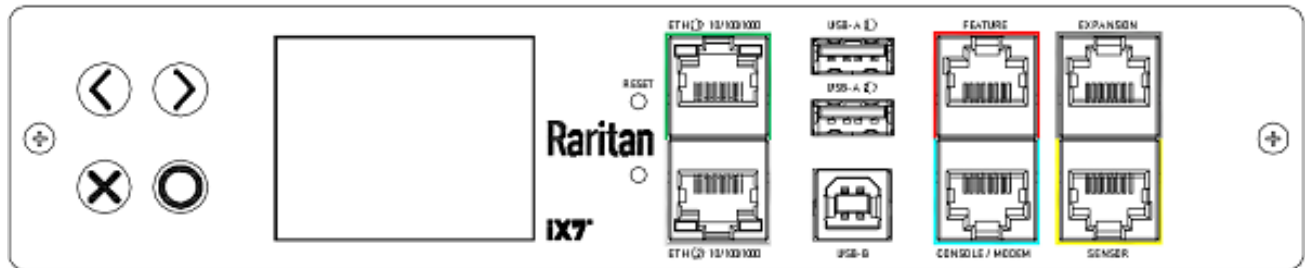
Regulatory Approvals	UL Listed, Canada ICES-003, Part 15 Class A of the FCC rules, RoHS compliant
Warranty	Standard 2 years manufacturer warranty

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### CONTROL PANEL

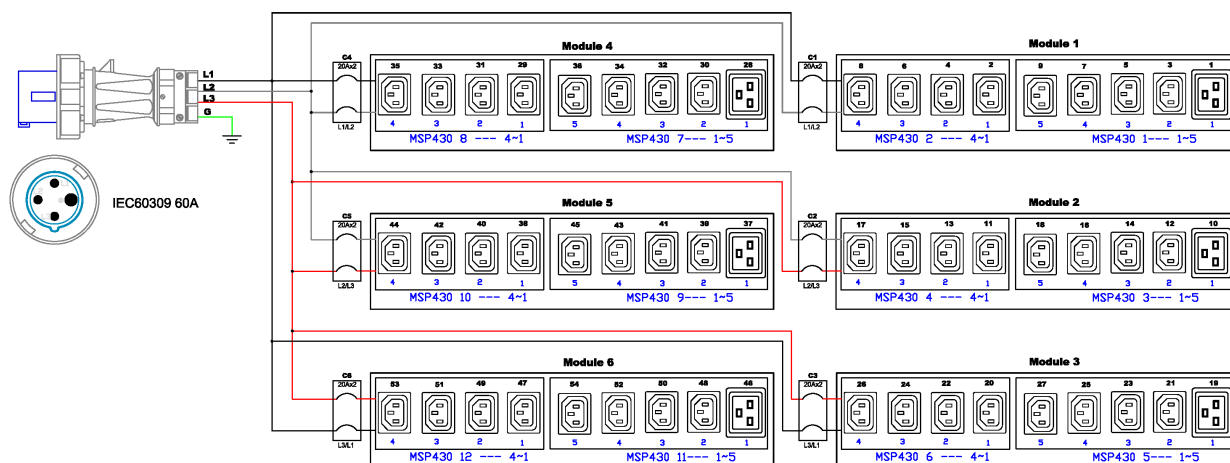


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### ELECTRICAL (ONE LINE) DIAGRAM

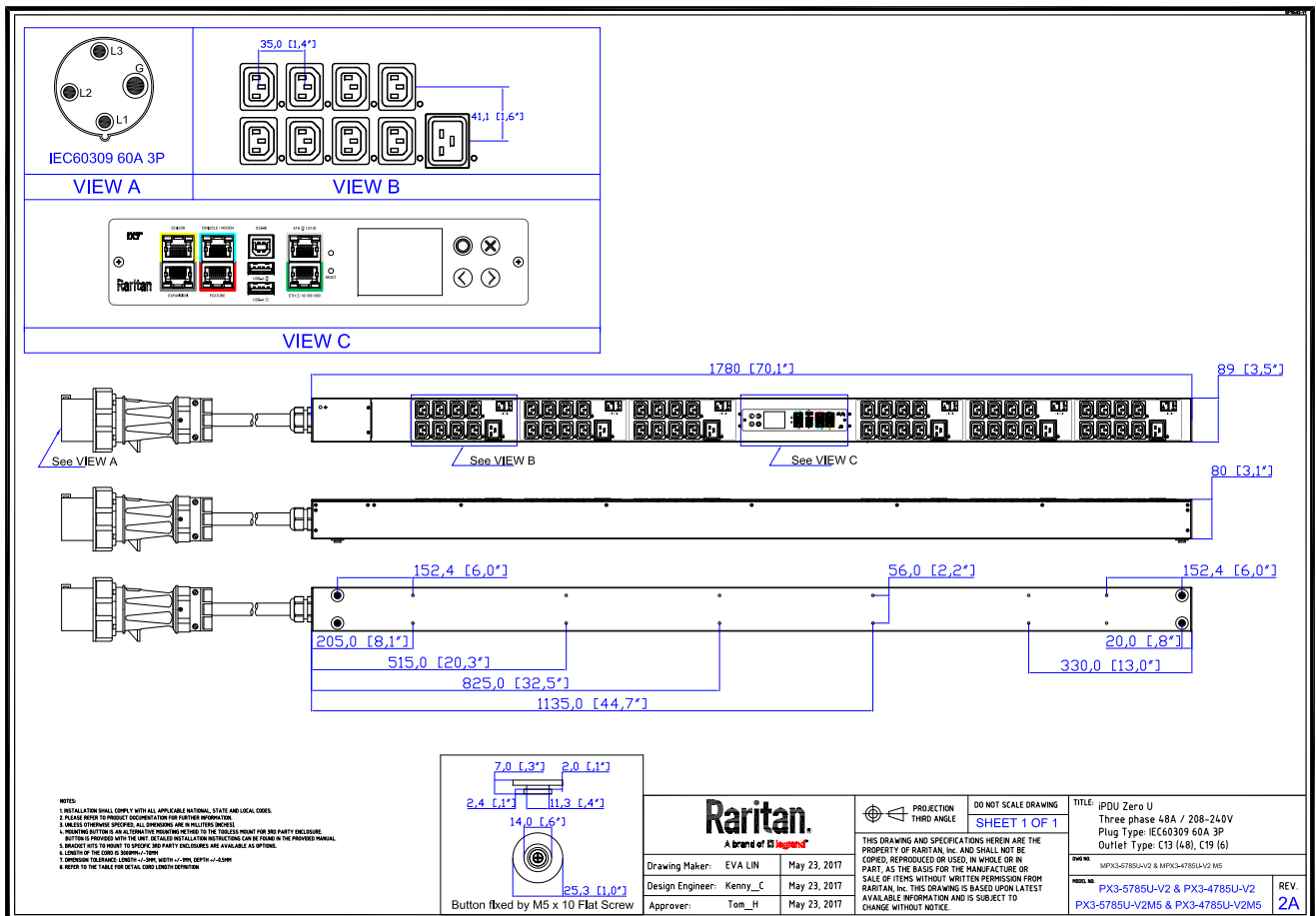


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### MECHANICAL DIAGRAM

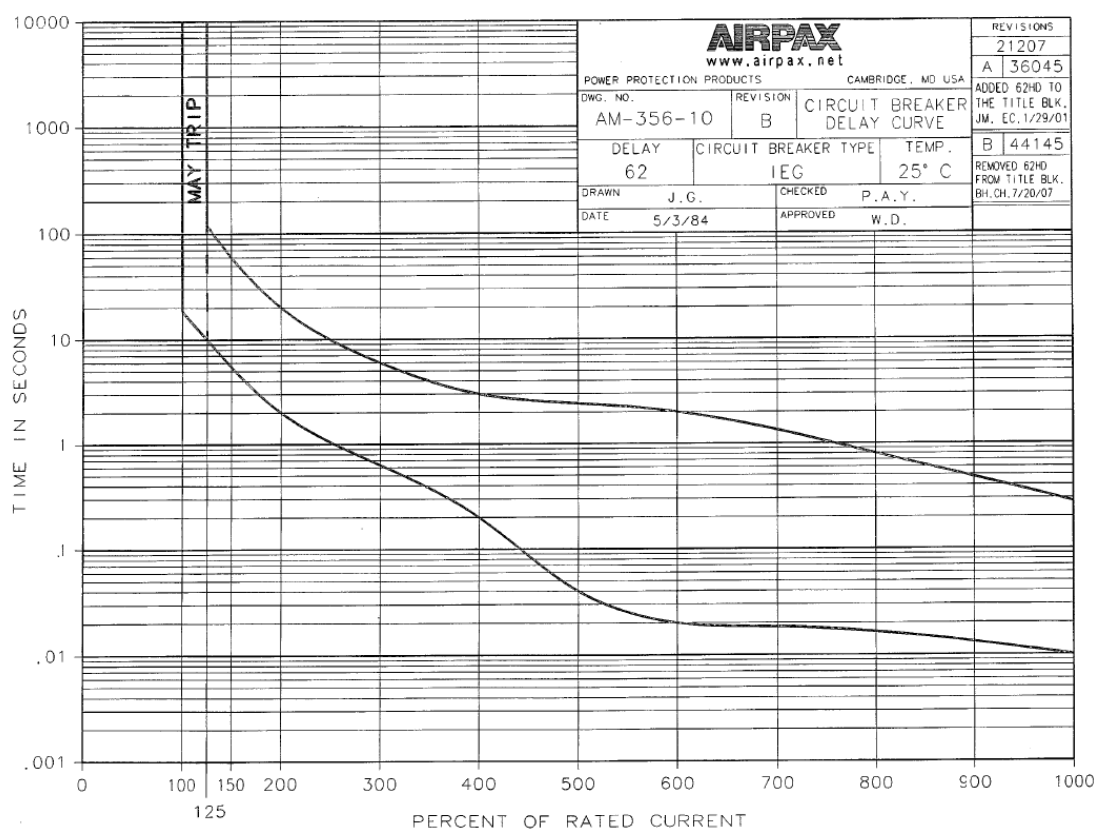


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### TRIP CURVE



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