

Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-5016A1-G1

rev20170831

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
Remote Management	HTTP(s); SSH; Telnet; RS-232 (Serial); Power IQ; SNMP version v2/v3; SMTP; JSON-RPC
Cascading	Yes, Max 16 PDUs can be daisy chained using 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	ARM9 400MHZ (Atmel SAM9G20), 16MB NOR Flash, 64MB SDRAM

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INPUT

Input Plug	Clipsal 56P532 (4P5W)
Cord Length	3 meters (9.84 feet) standard
Cord Entry	Bottom-front feed
Cable Type	IP66
Number of Power Cords	1
Maximum Input Current	32A
Nominal Input Voltage	415V 3 phase
Rated Input Voltage	415 - 415V 3 phase
Input Frequency	50/60Hz
Power Capacity	23.0kVA at 415V, 23.0kVA at 415V

OUTPUT

Nominal Output Voltage	240V
Rated Output Voltage	240 - 240V
Receptacles (Output Connections)	(6) IEC320 C13, 10A (24) IEC320 C19, 16A
Securelock Support	Yes
Cord Retention	Yes
Overload Protection	(6) LEGBXA6-16

PHYSICAL

Color	Black powder coat (custom colors available)
Unit Dimensions (WxDxH)	2.1" x 2.6" x 70.1" ; 52mm x 65mm x 1780mm
Unit Weight	8 kg
Shipping Weight	10.2 kg
Shipping Dimensions (WxDxH)	11.22" x 4.53" x 75.39" ; 285mm x 115mm x 1915mm
Mounting	G2-RACK-FOR-ZU

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ENVIRONMENTAL

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

CONFORMANCE

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

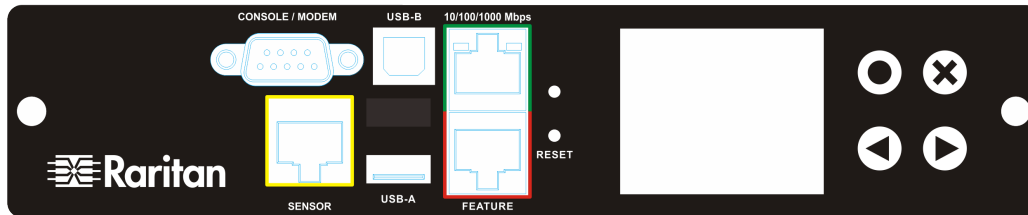
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CONTROL PANEL

Dimension: 212mm x 43.5mm

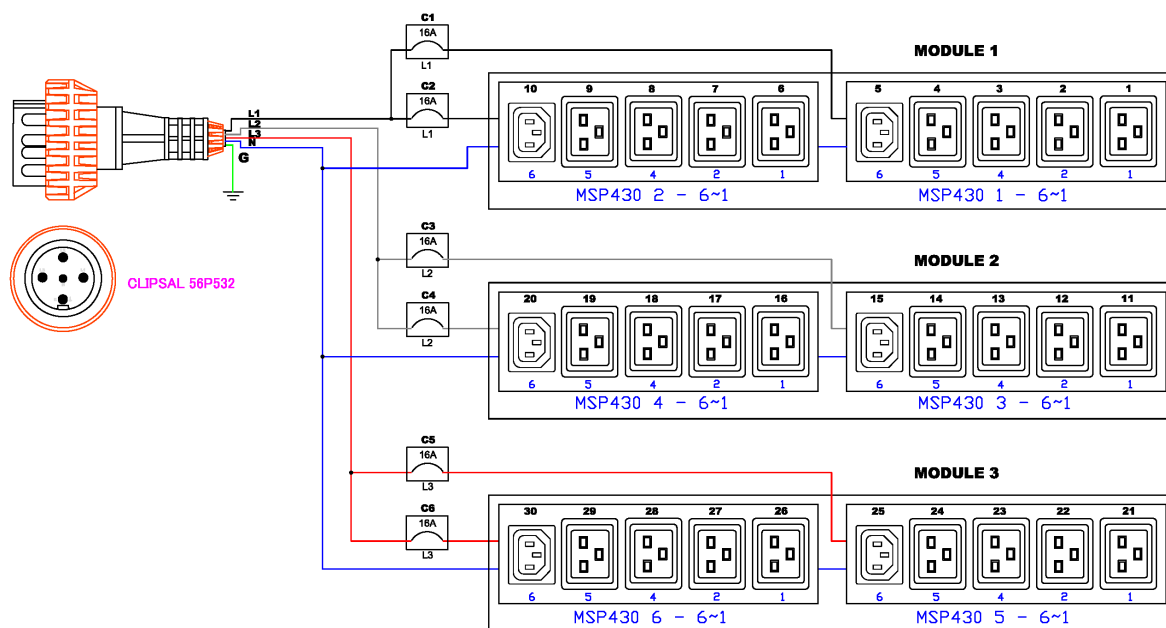


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ELECTRICAL (ONE LINE) DIAGRAM

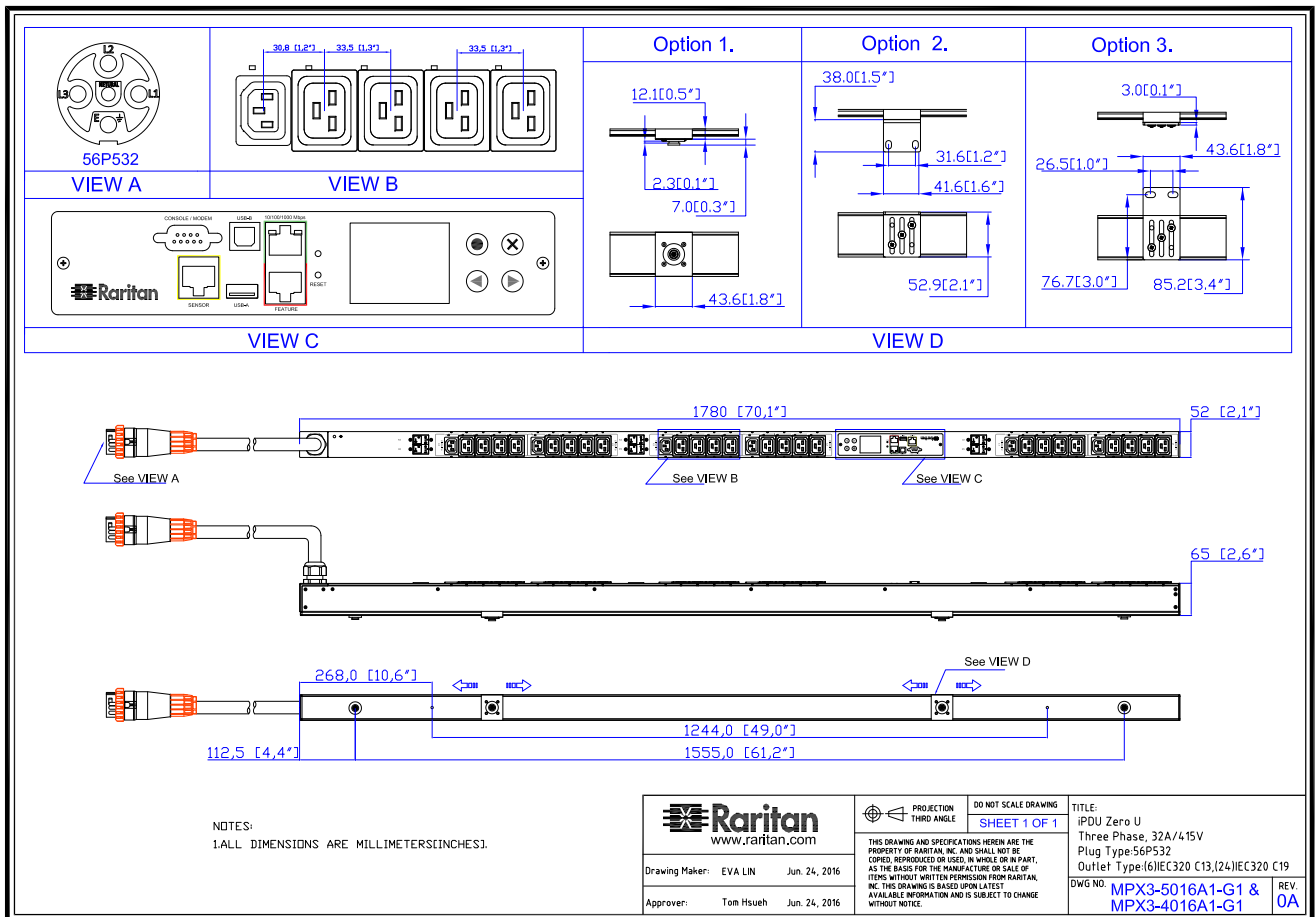


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MECHANICAL DIAGRAM



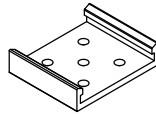
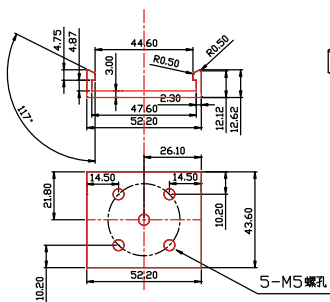
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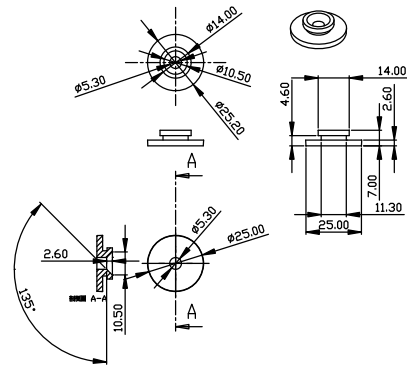
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Mounting Diagram (G2-RACK-FOR-ZU)

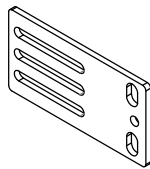
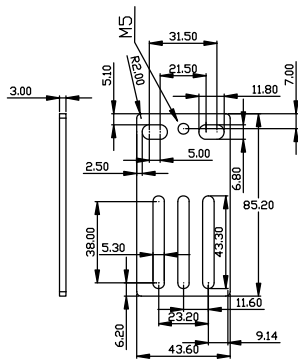
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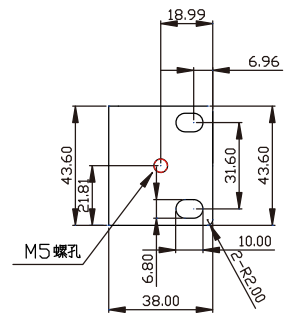
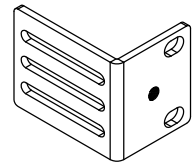
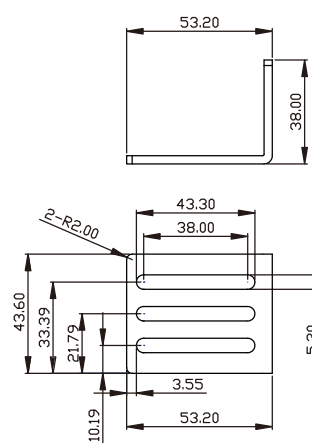
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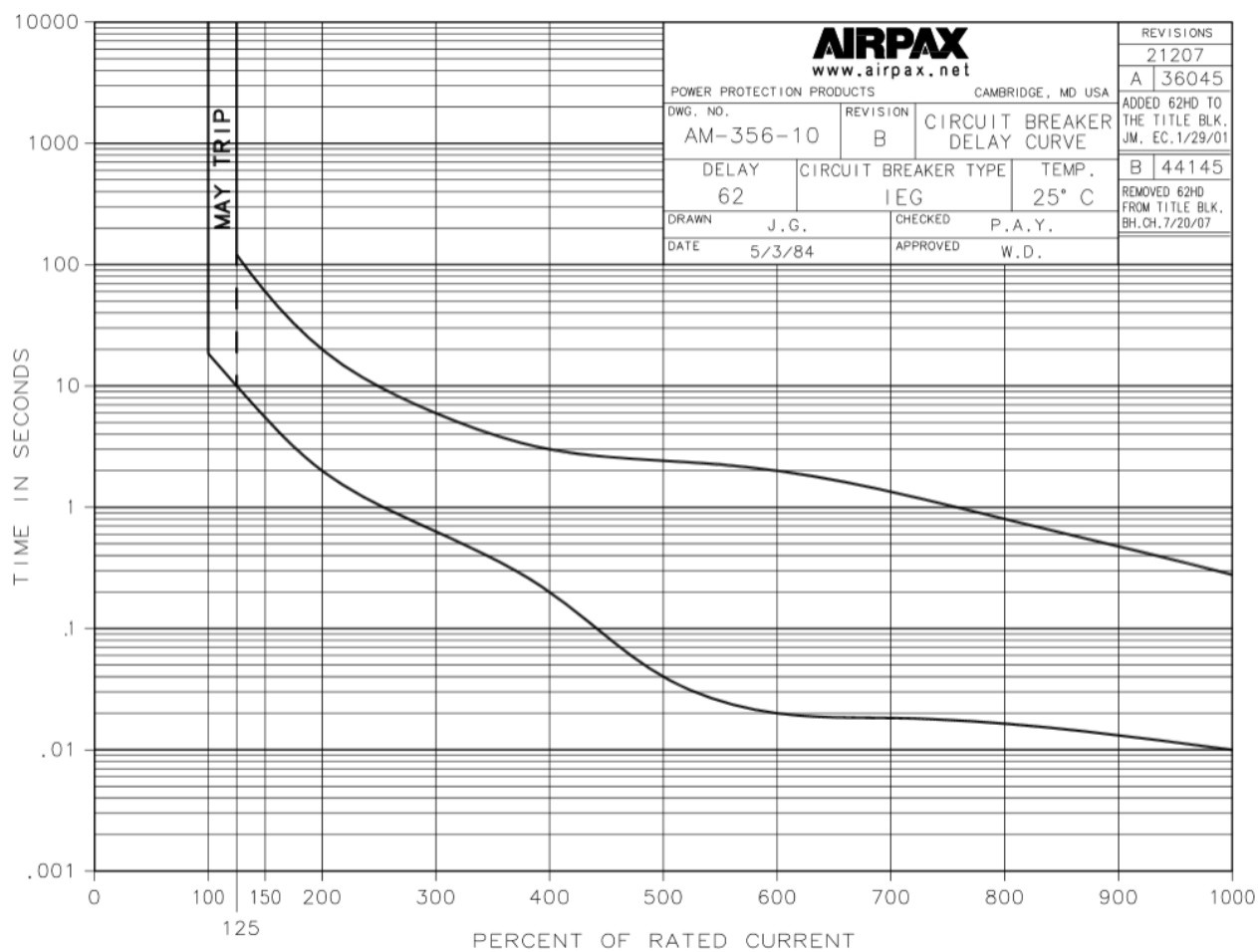


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TRIP CURVE



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