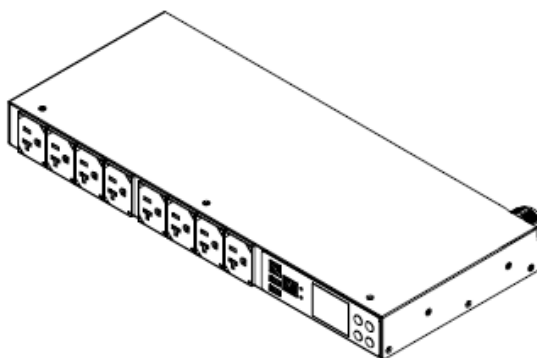


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LINE DRAWING



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 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)
Embedded Processor	ARM Cortex A5 536MHZ (Atmel A5D35A), 16MB SPI Flash, 64MB DDR2 RAM

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INPUT

Input Plug	NEMA L5-30P (2P3W), IP44
Cord Length	3 meters (9.84 feet) standard
Cord Entry	Rear feed
Cable Type	VCT 3G5.5
Number of Power Cords	1
Maximum Input Current	30A
Nominal Input Voltage	120V
Rated Input Voltage	100 - 120V
Input Frequency	50/60Hz
Power Capacity	2.4kVA at 100V, 2.9kVA at 120V

OUTPUT

Nominal Output Voltage	120V
Rated Output Voltage	100 - 120V
Receptacles (Output Connections)	(8) NEMA 5-20R, 16A
Securelock Support	No
Cord Retention	No
Overload Protection	(2) Airpax LELBX1-20, 5KAIC

PHYSICAL

Color	Black powder coat (custom colors available)
Unit Dimensions (WxDxH)	17.3" x 7.2" x 1.7" ; 440mm x 183mm x 44mm
Unit Weight	4.5 kg
Shipping Weight	6.75 kg
Shipping Dimensions (WxDxH)	22.44" x 16.34" x 12.6" ; 570mm x 415mm x 320mm
Mounting	RACK-KIT-DPX-1U

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ENVIRONMENTAL

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

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

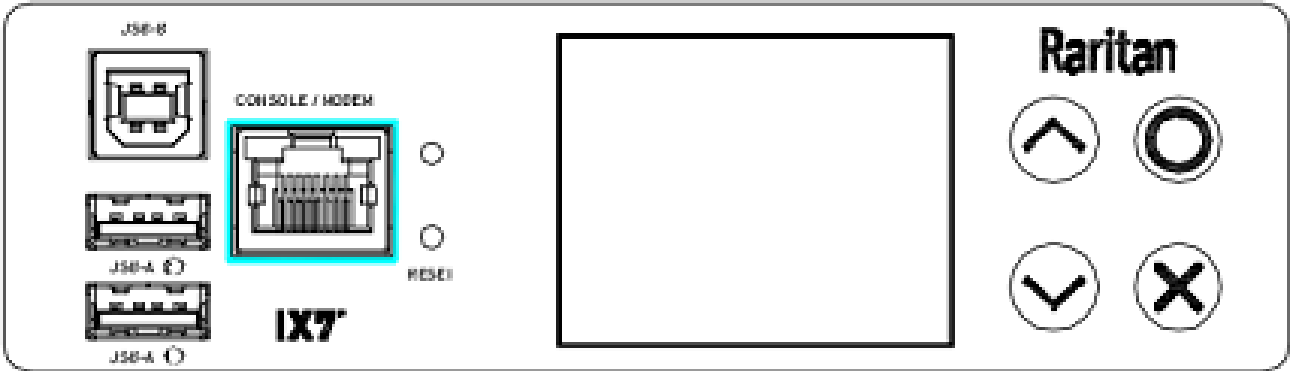
Current	±1% at 0.1 A resolution
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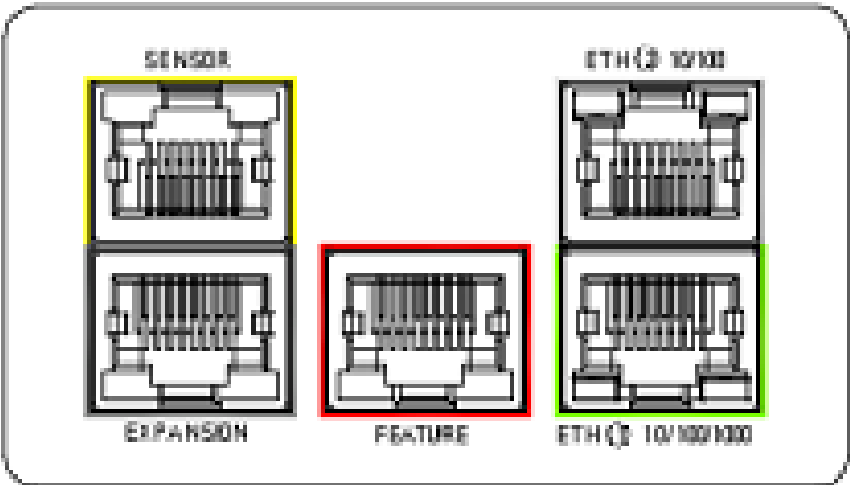
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CONTROL PANEL



CONTROL PANEL2

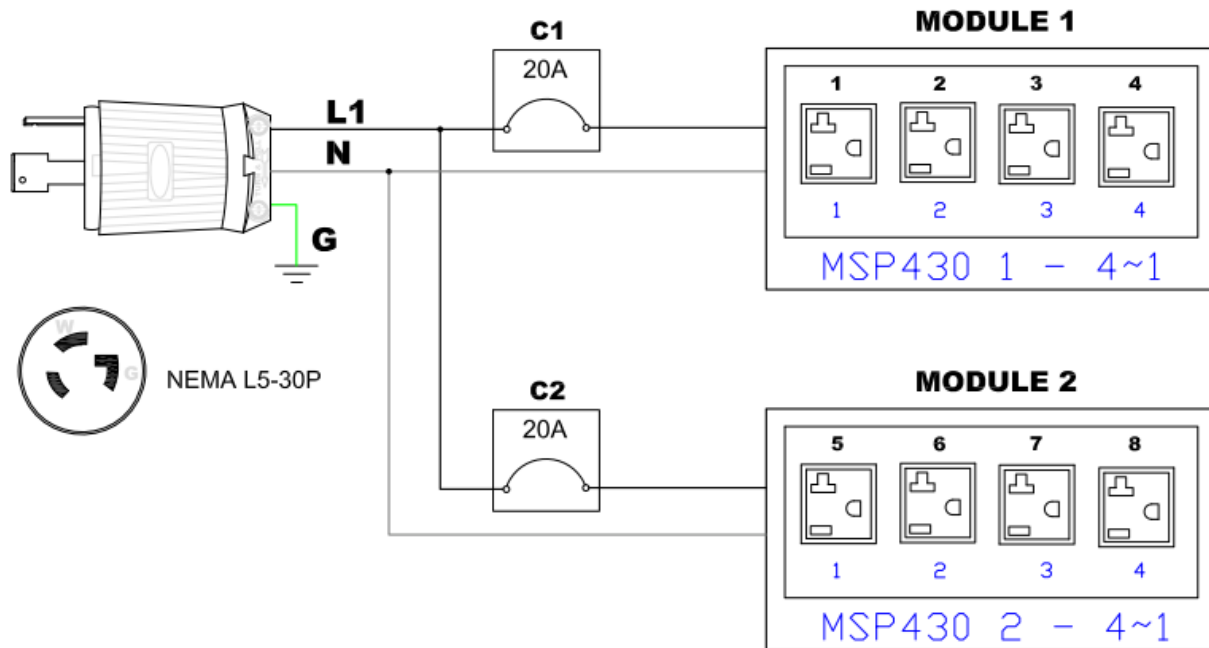


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ELECTRICAL (ONE LINE) DIAGRAM

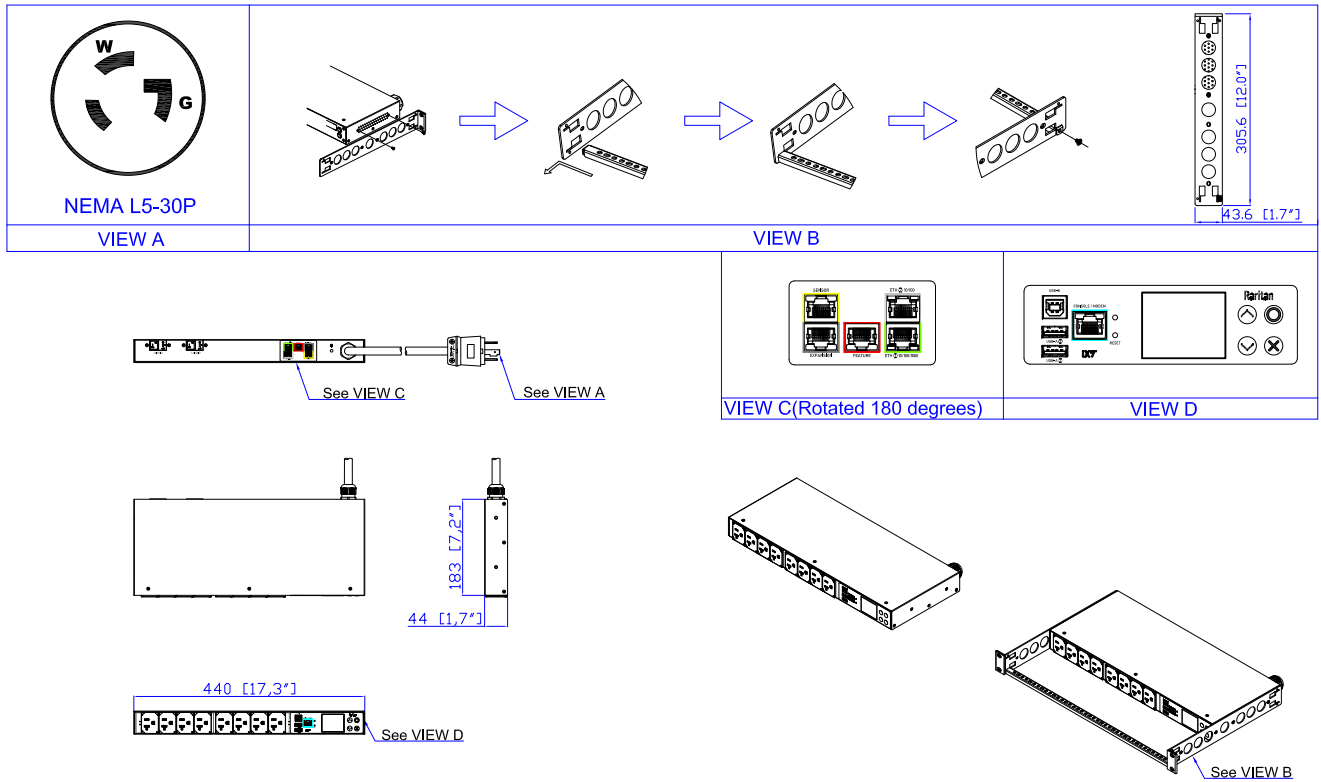


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MECHANICAL DIAGRAM



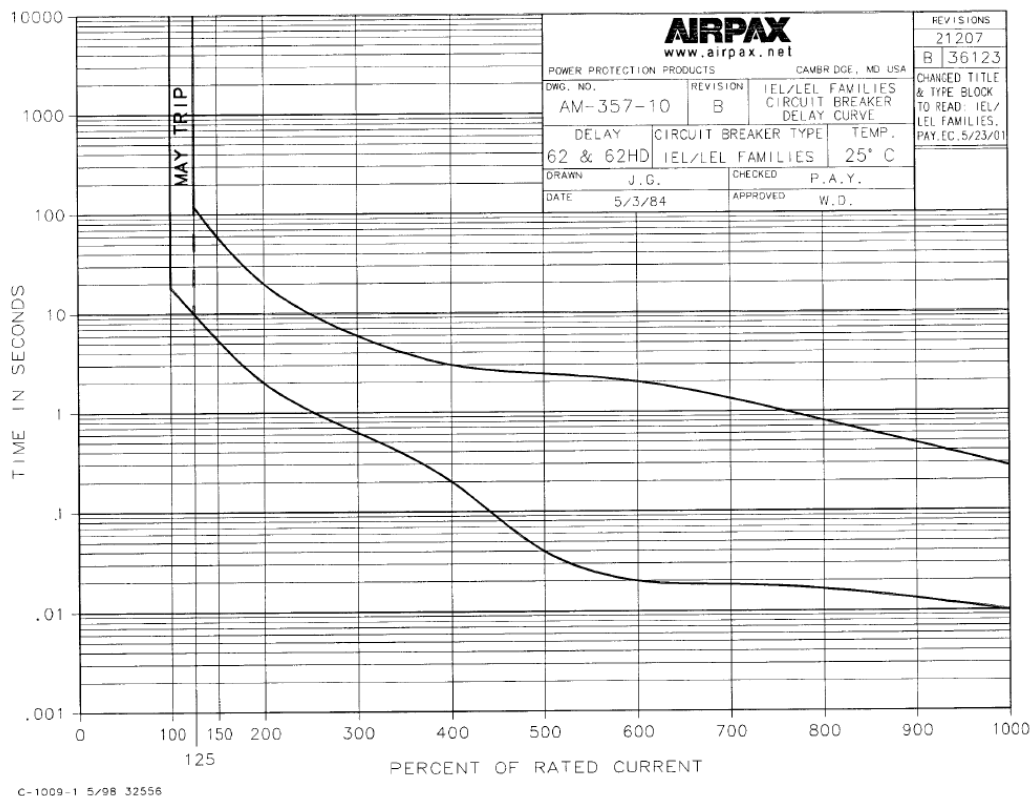
NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. PLEASE REFER TO PRODUCT DOCUMENTATION FOR FURTHER INFORMATION.
3. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS (INCHES).
4. MOUNTING BUTTON IS AN ALTERNATIVE MOUNTING METHOD TO THE TOOLLESS MOUNT FOR 3RD PARTY ENCLOSURE.
5. BUTTON IS PROVIDED WITH THE UNIT. DETAILED INSTALLATION INSTRUCTIONS CAN BE FOUND IN THE PROVIDED MANUAL.
6. BRACKET KITS TO MOUNT TO SPECIFIC 3RD PARTY ENCLOSURES ARE AVAILABLE AS OPTIONS.
7. RARITAN STANDARD LENGTH OF THE CORD IS 3000MM/9.84'.
8. DIMENSION TOLERANCES: LENGTH ± 0.508 , WIDTH ± 0.254 , DEPTH ± 0.254 .

Raritan A brand of Legrand			PROJECTION THIRD ANGLE	DO NOT SCALE DRAWING SHEET 1 OF 1	DESCRIPTION IPDU One U 100-120V, 24A Plug Type: NEMA L5-30P Outlet Type: NEMA 5-20R (B)
Drawing Maker: Eva Lin Design Engineer: Kenny Chen Approver: Tom Hsueh	Oct. 03, 2023 Oct. 03, 2023 Oct. 03, 2023	THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF RARITAN, INC. AND SHALL NOT BE COPIED, REPRODUCED OR USED, IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM RARITAN, INC. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.	MODEL NO. MP3C-5167R MS & MP3C-4167R MS	REV. 2C	PX3-5167R & PX3-4167R

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TRIP CURVE



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