Technical Specifications / Engineering Submittals
Raritan Model Number: PX3-5048J-E2V2 rev20230817

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
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+N+E 6h 63A (4P5W)
Cord Length	3 meters (9.84 feet) standard
Cord Entry	Bottom-front feed
Cable Type	IP44("splashproof")
Number of Power Cords	1
Maximum Input Current	63A
Nominal Input Voltage	400V 3 phase
Rated Input Voltage	380 - 415V 3 phase
Input Frequency	50/60Hz
Power Capacity	41.5kVA at 380V, 45.3kVA at 415V

OUTPUT

Nominal Output Voltage	230V
Rated Output Voltage	220 - 240V
Receptacles (Output Connections)	(24) IEC60320 C13 Locking, 10A (12) IEC60320 C19 Locking, 16A
Securelock Support	Yes
Cord Retention	No
Overload Protection	(12) LEGBX6-16

PHYSICAL

Color	Black powder coat (custom colors available)
Unit Dimensions (WxDxH)	4.3" x 3.1" x 70.1" ; 109mm x 80mm x 1780mm
Unit Weight	TBD
Shipping Weight	TBD
Shipping Dimensions (WxDxH)	16.93" x 7.09" x 77.56" ; 430mm x 180mm x 1970mm
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	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	

Technical Specifications / Engineering Submittals
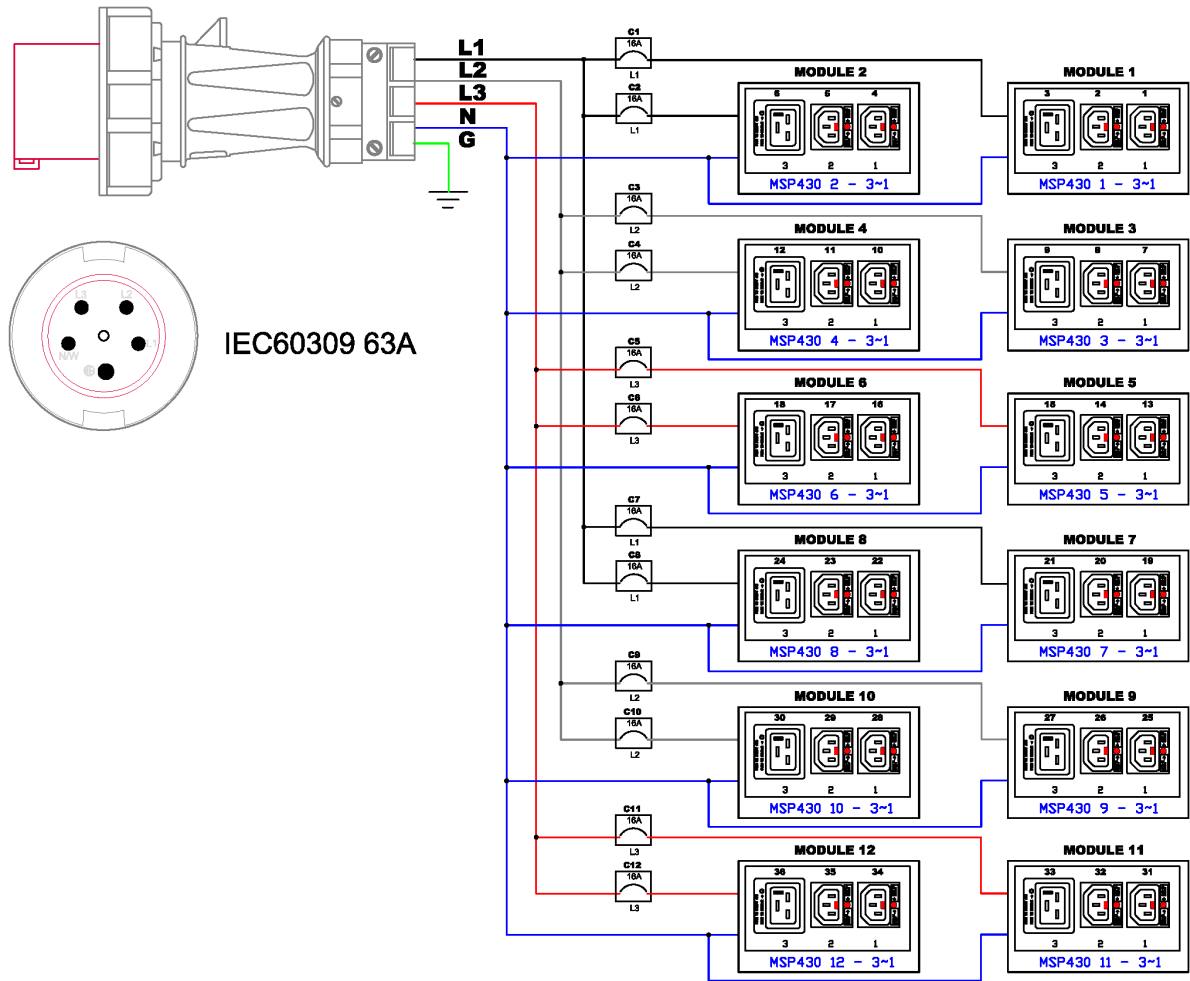Raritan Model Number: PX3-5048J-E2V2

CONTROL PANEL
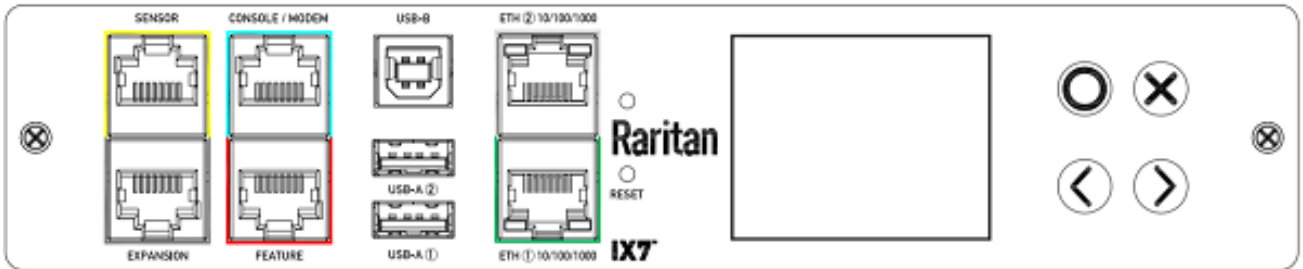
Technical Specifications / Engineering Submittals
Raritan Model Number: PX3-5048J-E2V2

ELECTRICAL (ONE LINE) DIAGRAM

IEC60309 63A
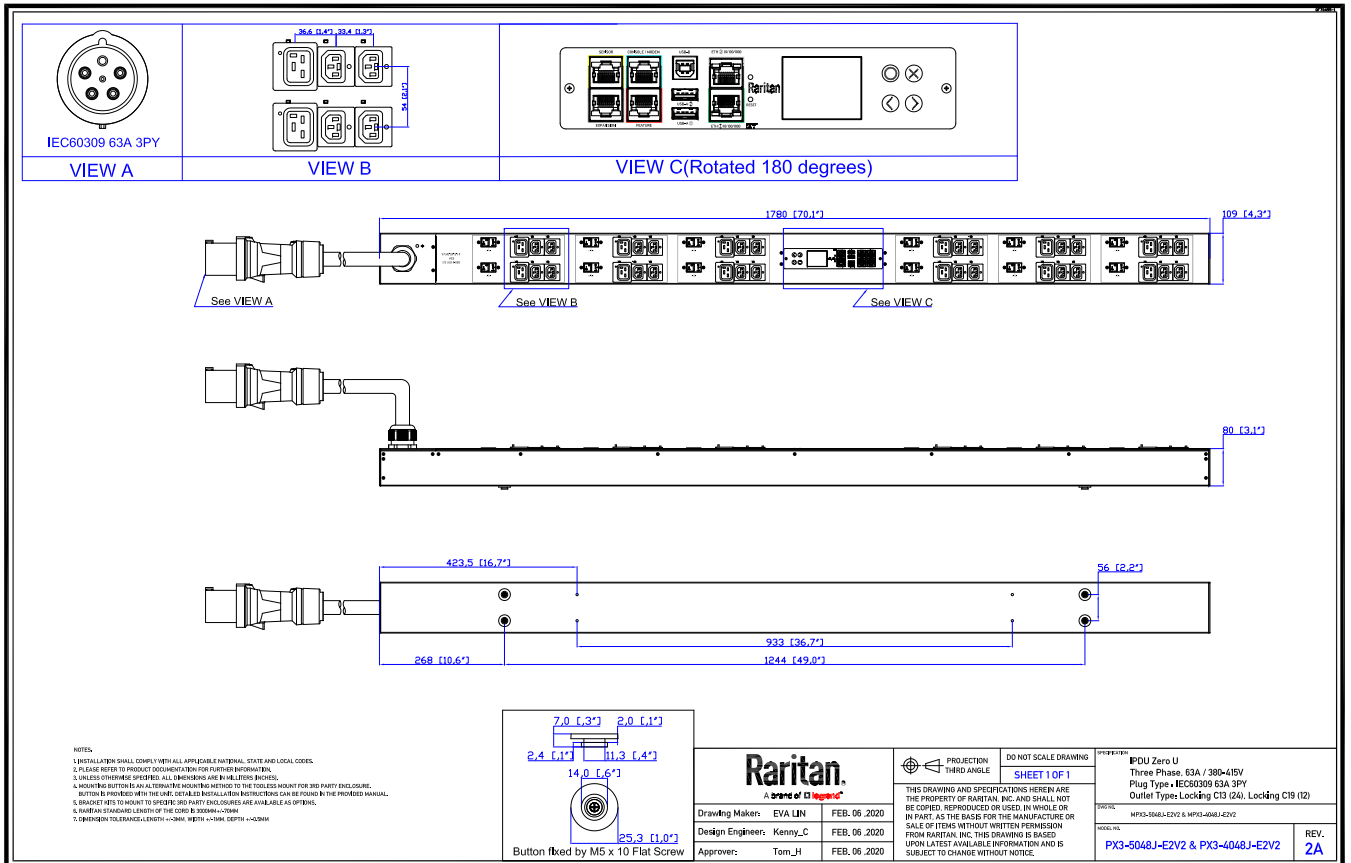
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Raritan Model Number: PX3-5048J-E2V2
rev20230817

MECHANICAL DIAGRAM

IEC60309 63A 3PY
VIEW A

VIEW B

VIEW C(Rotated 180 degrees)

See VIEW A

See VIEW B

See VIEW C

1780 [70,1"]

109 [4,3"]

80 [3,1"]

423,5 [16,7"]

56 [2,2"]

933 [36,7"]

268 [10,6"]

1244 [49,0"]

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 MILLITERS (INCHES).
4. MOUNTING BUTTON IS AN ALTERNATIVE MOUNTING METHOD TO THE TOOLLESS MOUNT FOR 3RD PARTY ENCLOSURE.
   BUTTON IS PROVIDED WITH THE UNIT. DETAILED INSTALLATION INSTRUCTIONS CAN BE FOUND IN THE PROVIDED MANUAL.
5. BRACKET KITS TO MOUNT TO SPECIFIC 3RD PARTY ENCLOSURES ARE AVAILABLE AS OPTIONS.
6. RARITAN STANDARD LENGTH OF THE CORD IS 3000MM +/-70MM
7. DIMENSION TOLERANCE: LENGTH +/-3MM, WIDTH +/-1MM, DEPTH +/-0.5MM

7,0 [,3"]   2,0 [,1"]

2,4 [,1"]   11,3 [,4"]

14,0 [,6"]

25,3 [1,0"]

Button fixed by M5 x 10 Flat Screw

	PROJECTION THIRD ANGLE	DO NOT SCALE DRAWING
		SHEET 1 OF 1

SPECIFICATION
IPDU Zero U
Three Phase, 63A / 380~415V
Plug Type : IEC60309 63A 3PY
Outlet Type: Locking C13 (24), Locking C19 (12)

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Drawing Maker:	EVA LIN	FEB. 06 .2020
Design Engineer:	Kenny_C	FEB. 06 .2020
Approver:	Tom_H	FEB. 06 .2020

DWG NO. MPX3-5048J-E2V2 & MPX3-4048J-E2V2

MODEL NO.
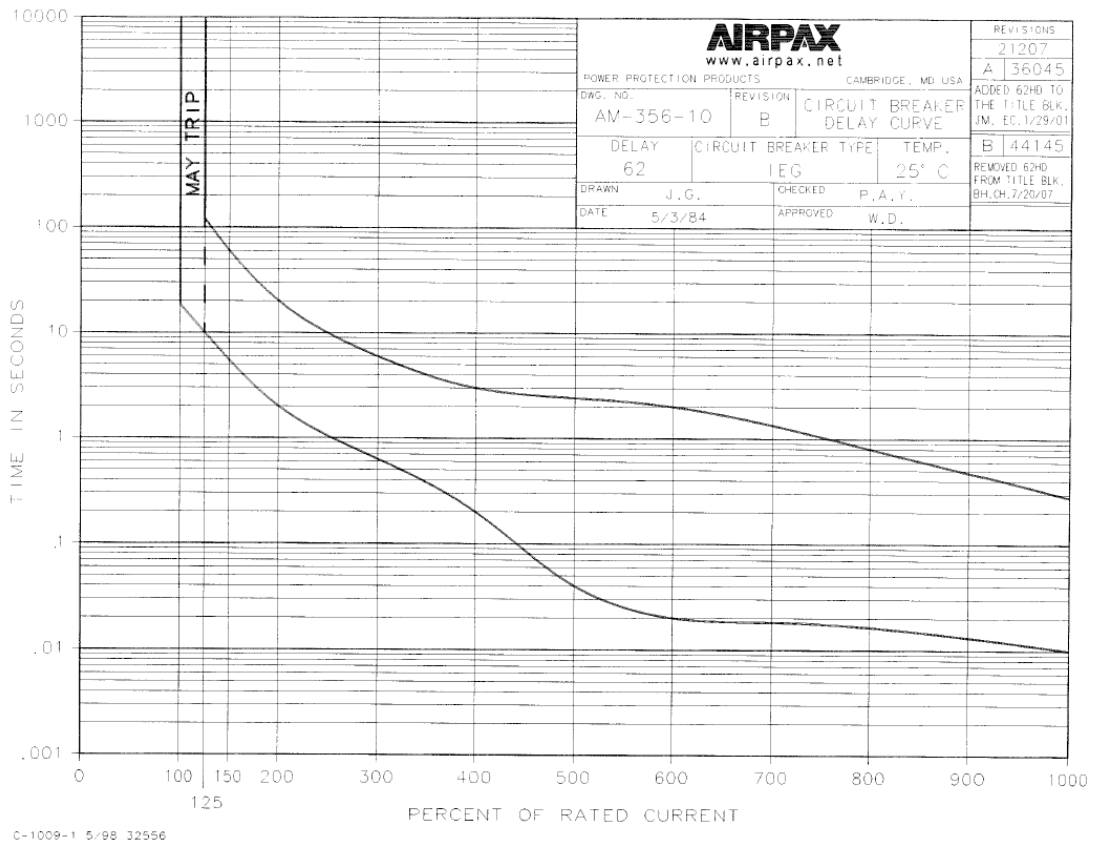PX3-5048J-E2V2 & PX3-4048J-E2V2

REV- 2A

Technical Specifications / Engineering Submittals

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TRIP CURVE

AIRPAX
www.airpax.net
POWER PROTECTION PRODUCTS   CAMBRIDGE, MD USA

DWG. NO.	REVISION	CIRCUIT BREAKER DELAY CURVE
AM-356-10	B	

DELAY	CIRCUIT BREAKER TYPE	TEMP.
62	IEG	25° C

| DRAWN | J.G. | CHECKED | P.A.Y. |
| DATE | 5/3/84 | APPROVED | W.D. |

REVISIONS
21207
A 36045
ADDED 62HD TO THE TITLE BLK. JM. EC.1/29/01
B 44145
REMOVED 62HD FROM TITLE BLK. BH.CH.7/20/07.

C-1009-1 5/98 32556

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