Technical Specifications / Engineering Submittals
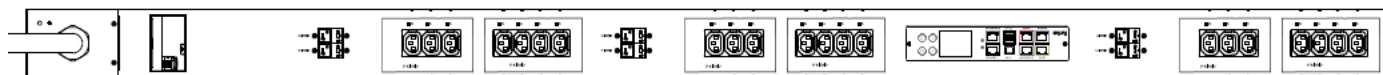Raritan Model Number: PX3-5270-F4M5   rev20250625

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	Yes
Remote Outlet Switching	Yes
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, 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

Technical Specifications / Engineering Submittals
Raritan Model Number: PX3-5270-F4M5

INPUT

Input Plug	IEC 60309 3P+N+E 6h 32A (4P5W), IP44
Cord Length	3 meters (9.84 feet) standard
Cord Entry	Bottom-front feed
Cable Type	N-S LSOH 5G6.0
Number of Power Cords	1
Maximum Input Current	32A
Nominal Input Voltage	400V 3 phase
Rated Input Voltage	380 - 415V 3 phase
Input Frequency	50/60Hz
Power Capacity	21.1kVA at 380V, 23.0kVA at 415V

OUTPUT

Nominal Output Voltage	230V
Rated Output Voltage	220 - 240V
Receptacles (Output Connections)	(21) IEC320 C13, 10A
Securelock Support	Yes
Cord Retention	Yes
Overload Protection	(6) LEGBXA6-16, 5KAIC

PHYSICAL

Color	Black powder coat (custom colors available)
Unit Dimensions (WxDxH)	3.5" x 2.6" x 70.1" ; 89mm x 65mm x 1780mm
Unit Weight	8.1 kg
Shipping Weight	11.4 kg
Shipping Dimensions (WxDxH)	11.22" x 5.31" x 81.89" ; 285mm x 135mm x 2080mm
Mounting	Tool-less button mount

Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-5270-F4M5

ENVIRONMENTAL

Operating Temperature	40°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

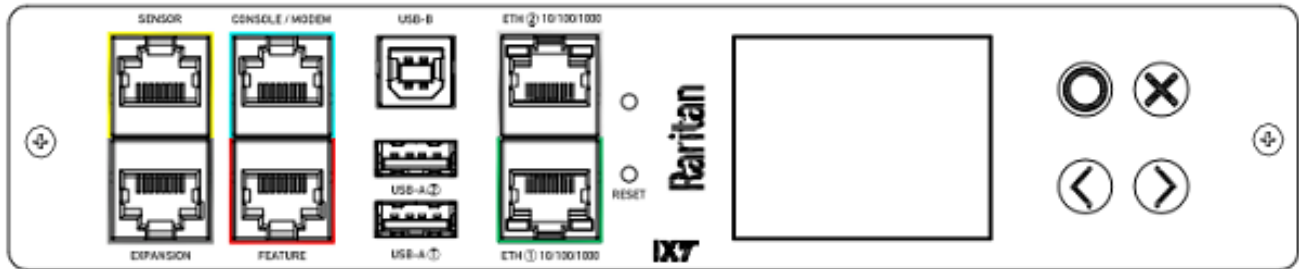|	Input Measurement	Output Measurement
LCD & GUI Current	±1% at 0.1 A resolution	±1% at 0.1 A resolution
Voltage	±1% at 0.1 V resolution	±1% at 0.1 V resolution
Active Power	±1% at 1 W resolution	±1% at 1 W resolution
Apparent Power	±1% at 1 VA resolution	±1% at 1 VA resolution
Power Factor	±1% at 0.1 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
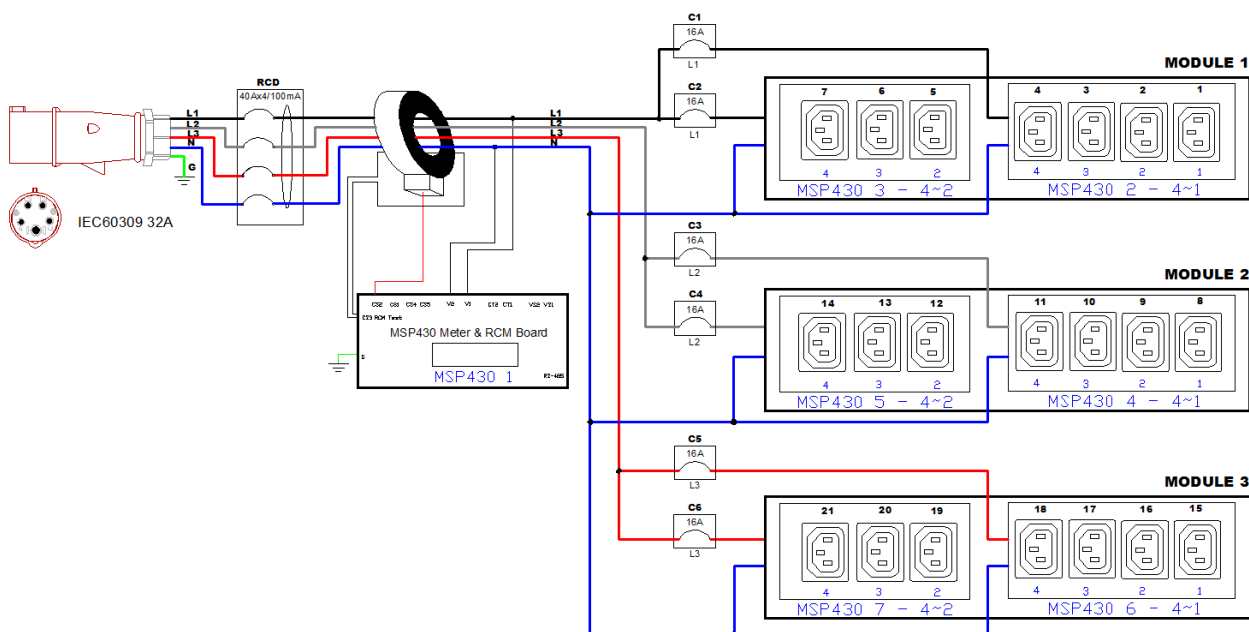
Raritan Model Number: PX3-5270-F4M5

CONTROL PANEL

Technical Specifications / Engineering Submittals

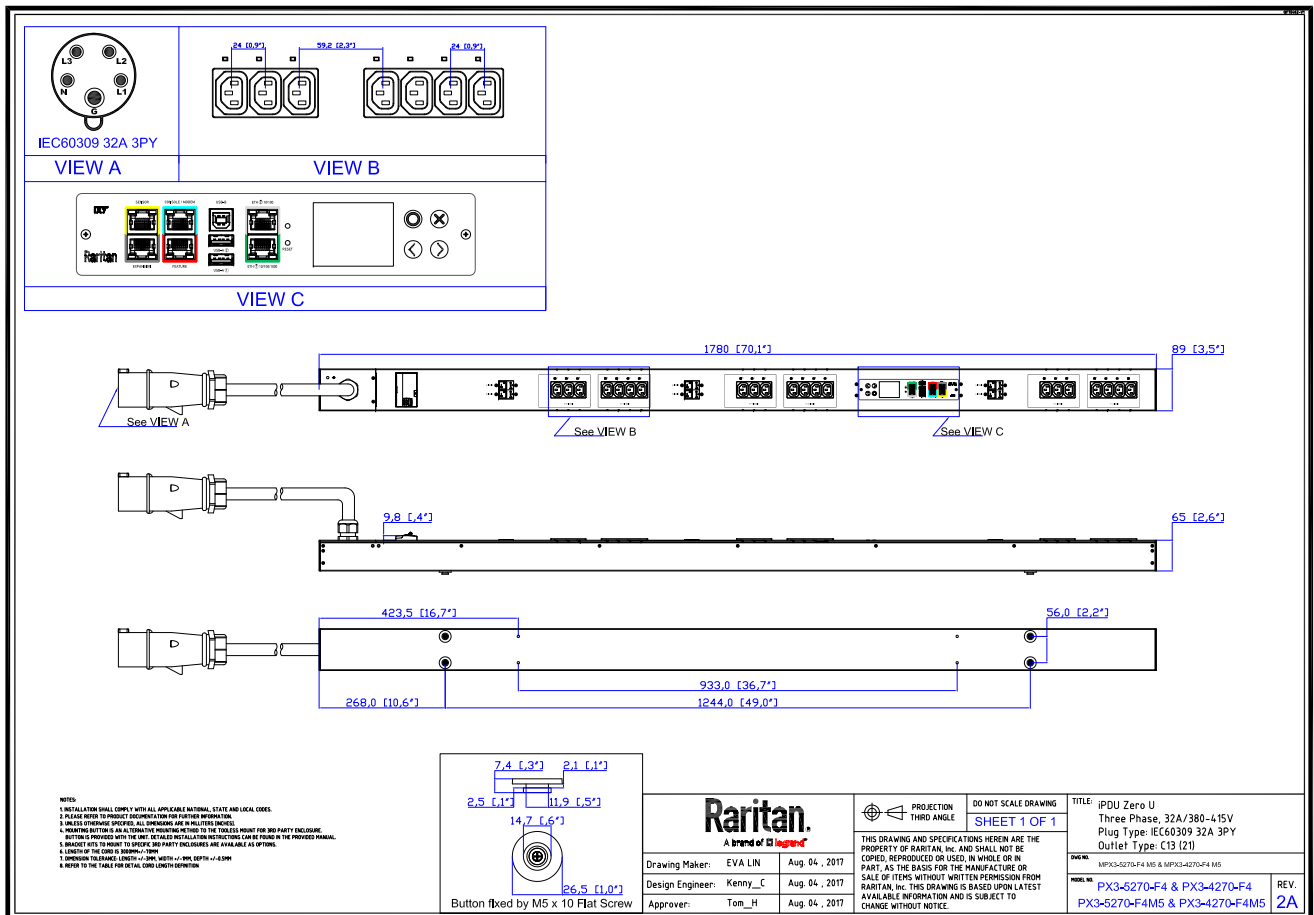Raritan Model Number: PX3-5270-F4M5

ELECTRICAL (ONE LINE) DIAGRAM

Technical Specifications / Engineering Submittals
Raritan Model Number: PX3-5270-F4M5
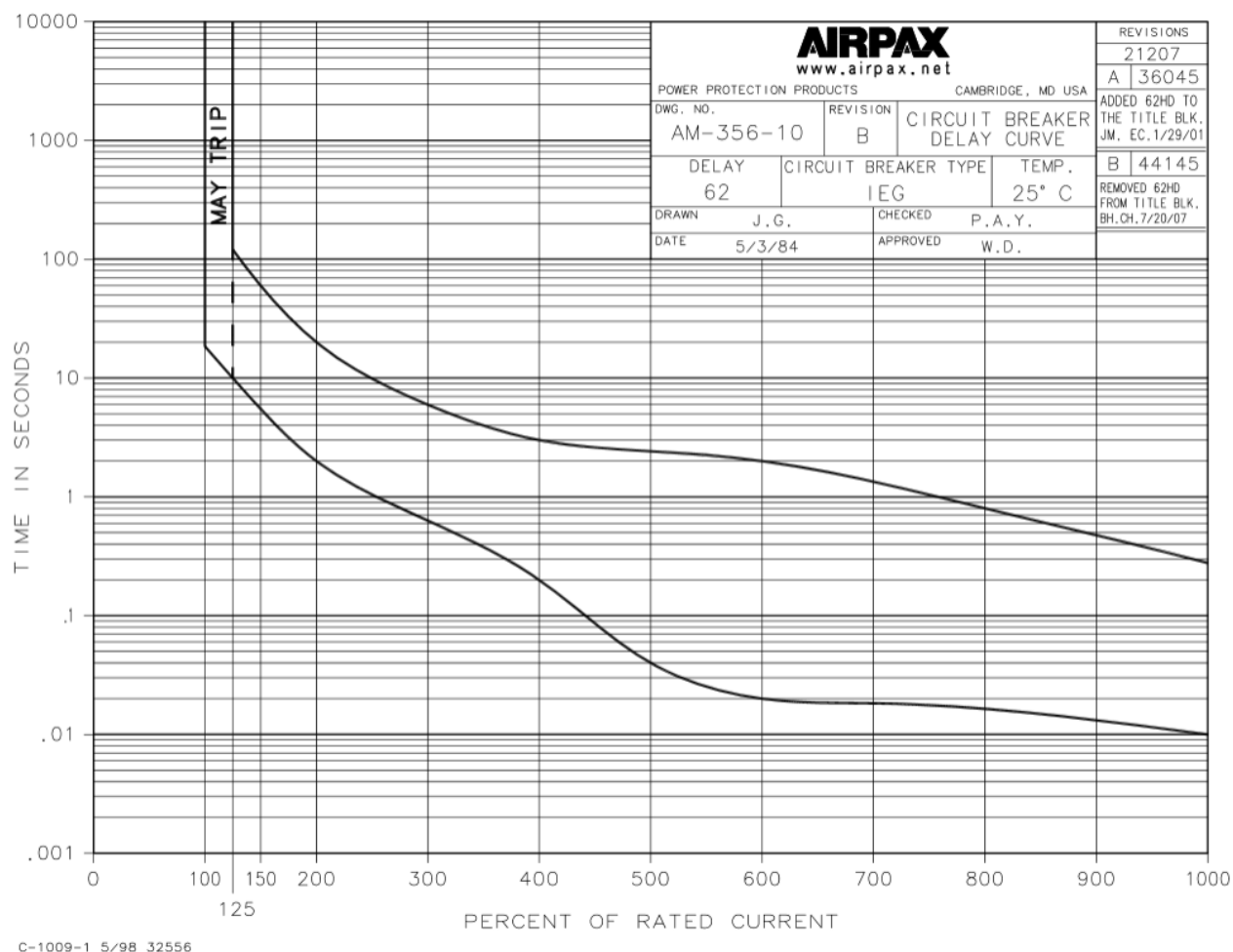
rev20250625

MECHANICAL DIAGRAM

IEC60309 32A 3PY

VIEW A

24 [0,9"]   59,2 [2,3"]   24 [0,9"]

VIEW B

VIEW C

1780 [70,1"]   89 [3,5"]

See VIEW A   See VIEW B   See VIEW C

9,8 [,4"]   65 [2,6"]

423,5 [16,7"]   56,0 [2,2"]

933,0 [36,7"]

268,0 [10,6"]   1244,0 [49,0"]

7,4 [,3"]   2,1 [,1"]

2,5 [,1"]   11,9 [,5"]

14,7 [,6"]

26,5 [1,0"]

Button fixed by M5 x 10 Flat Screw

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 TOOLESS 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. LENGTH OF THE CORD IS 3000MM+/-70MM
7. DIMENSION TOLERANCE: LENGTH +/-3MM; WIDTH +/-9MM, DEPTH +/-0.5MM
8. REFER TO THE TABLE FOR DETAIL CORD LENGTH DEFINITION

	PROJECTION THIRD ANGLE	DO NOT SCALE DRAWING	TITLE: iPDU Zero U
		SHEET 1 OF 1	Three Phase, 32A/380-415V

Drawing Maker: EVA LIN — Aug. 04 , 2017
Design Engineer: Kenny_C — Aug. 04 , 2017
Approver: Tom_H — Aug. 04 , 2017

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Plug Type: IEC60309 32A 3PY
Outlet Type: C13 (21)

DWG NO. MPX3-5270-F4 M5 & MPX3-4270-F4 M5

MODEL NO. PX3-5270-F4 & PX3-4270-F4
PX3-5270-F4M5 & PX3-4270-F4M5

REV. 2A

TRIP CURVE

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