Technical Specifications / Engineering Submittals
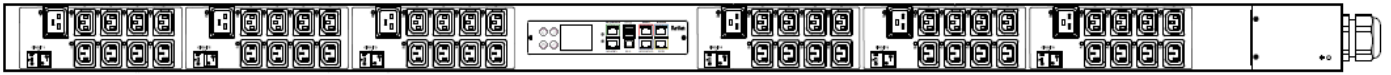Raritan Model Number: PX3-5785JU-V2   rev20230817

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

Raritan
A brand of **legrand**

Technical Specifications / Engineering Submittals
Raritan Model Number: PX3-5785JU-V2

INPUT

Input Plug	American Denki 4662R (3P4W)
Cord Length	3 meters (9.84 feet) standard
Cord Entry	Top-end feed
Cable Type	
Number of Power Cords	1
Maximum Input Current	60A
Nominal Input Voltage	200V 3 phase
Rated Input Voltage	200 - 200V 3 phase
Input Frequency	50/60Hz
Power Capacity	20.8kVA at 200V, 20.8kVA at 200V

OUTPUT

Nominal Output Voltage	200V
Rated Output Voltage	200 - 200V
Receptacles (Output Connections)	(48) IEC320 C13, 10A (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

Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-5785JU-V2

ENVIRONMENTAL

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

CONFORMANCE

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

ACCURACY

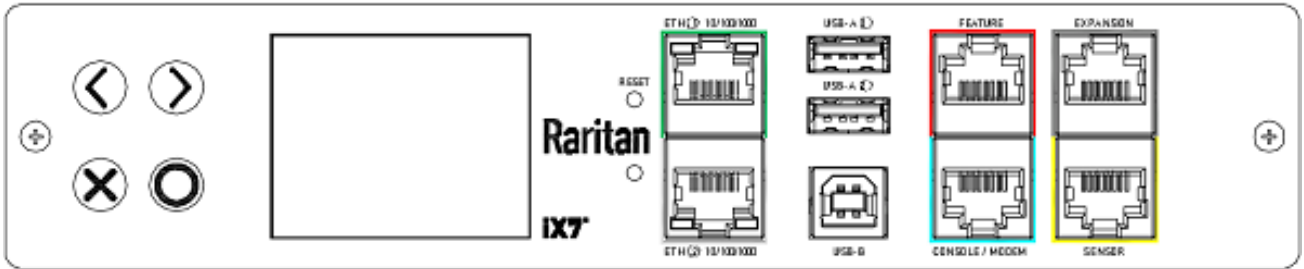|	Input Measurement	Output Measurement
LCD & GUI Current	±1% at 0.1 A resolution	±1% at 0.1 A resolution
Voltage	±1% at 0.1 V resolution	±1% at 0.1 V resolution
Active Power	±1% at 1 W resolution	±1% at 1 W resolution
Apparent Power	±1% at 1 VA resolution	±1% at 1 VA resolution
Power Factor	±1% at 0.1 resolution	±1% at 0.1 resolution
Active Energy	±1% at 0.1 kWh resolution	±1% at 0.1 kWh resolution

Branch Measurement

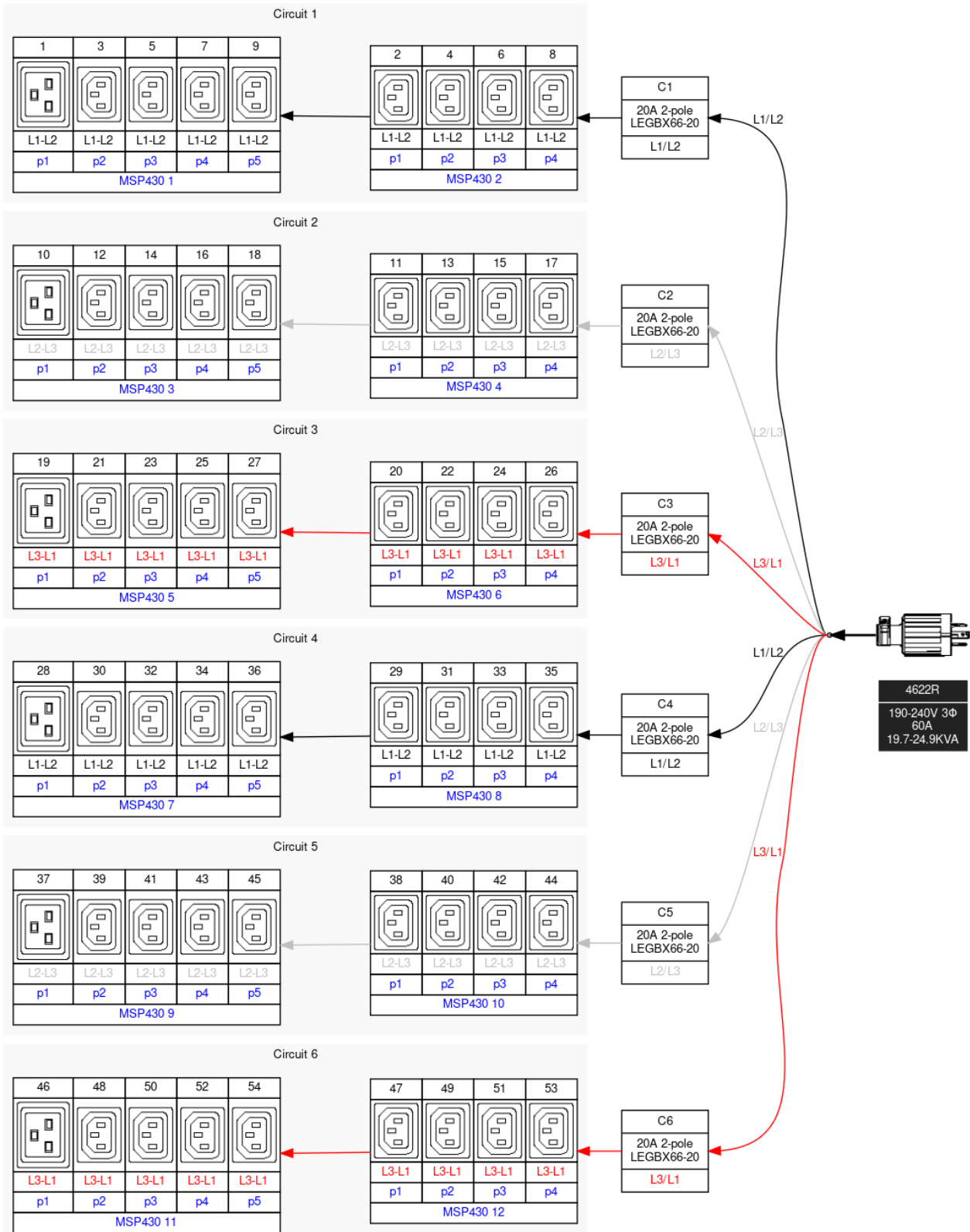|		
Current	±1% at 0.1 A resolution	

Technical Specifications / Engineering Submittals
Raritan Model Number: PX3-5785JU-V2
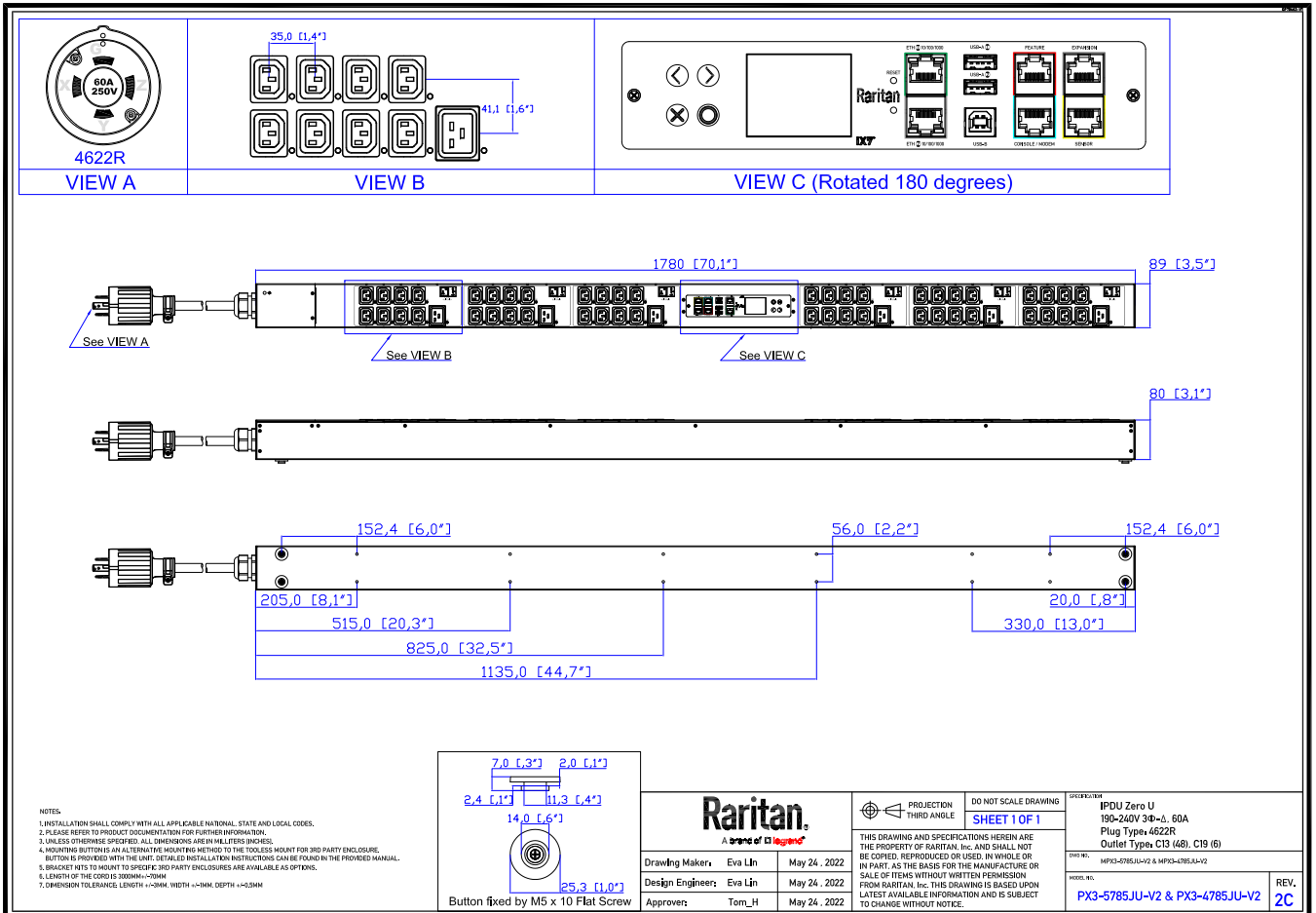
CONTROL PANEL

ELECTRICAL (ONE LINE) DIAGRAM

Technical Specifications / Engineering Submittals

Raritan Model Number: PX3-5785JU-V2
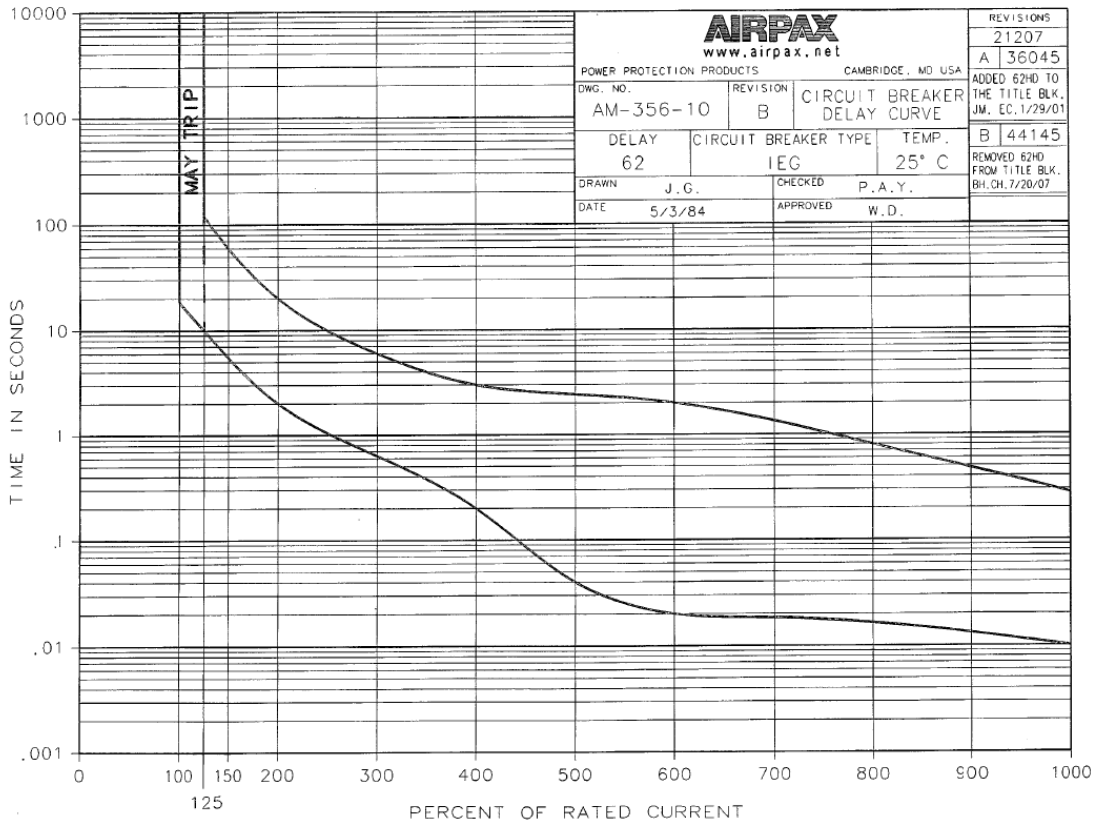
rev20230817

MECHANICAL DIAGRAM

VIEW A	VIEW B	VIEW C (Rotated 180 degrees)

4622R

60A 250V

35,0 [1,4"]
41,1 [1,6"]

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

See VIEW A
See VIEW B
See VIEW C

80 [3,1"]

152,4 [6,0"]
56,0 [2,2"]
152,4 [6,0"]

205,0 [8,1"]
20,0 [,8"]
515,0 [20,3"]
330,0 [13,0"]
825,0 [32,5"]
1135,0 [44,7"]

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

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 +/-1MM, DEPTH +/-0.5MM

Drawing Maker:	Eva Lin	May 24 , 2022
Design Engineer:	Eva Lin	May 24 , 2022
Approver:	Tom_H	May 24 , 2022

PROJECTION THIRD ANGLE

DO NOT SCALE DRAWING
SHEET 1 OF 1

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SPECIFICATION
IPDU Zero U
190-240V 3Φ-Δ, 60A
Plug Type: 4622R
Outlet Type: C13 (48), C19 (6)

DWG NO.
MPX3-5785JU-V2 & MPX3-4785JU-V2

MODEL NO.
PX3-5785JU-V2 & PX3-4785JU-V2

REV.
2C

Technical Specifications / Engineering Submittals
Raritan Model Number: PX3-5785JU-V2 rev20230817

TRIP CURVE

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