

## Technical Specifications / Engineering Submittals

Raritan Model Number: PX2-2967U

rev20200701

### 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      | No                                                                                                                       |
| 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                          | (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                                      |
| Cascading                           | Yes, Max 8 PDUs can be daisy chained using USB connection                                                                |
| Onboard Display                     | 3-digit LED user-selectable display : Voltage, current, or active power (per line or per breaker); Auto-flip orientation |
| Embedded Processor                  | ARM 9 400MHZ (Atmel SAM9G20), 16MB NOR Flash, 64MB SDRAM                                                                 |

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### INPUT

|                       |                                |
|-----------------------|--------------------------------|
| Input Plug            | NEMA L21-30P (4P5W)            |
| Cord Length           | 3 meters (9.84 feet) standard  |
| Cord Entry            | Top-end feed                   |
| Cable Type            | IP44("splashproof")            |
| Number of Power Cords | 1                              |
| Maximum Input Current | 30A                            |
| Nominal Input Voltage | 208V 3 phase                   |
| Rated Input Voltage   | 190 - 208V 3 phase             |
| Input Frequency       | 50/60Hz                        |
| Power Capacity        | 7.9kVA at 190V, 8.6kVA at 208V |

### OUTPUT

|                                  |                            |
|----------------------------------|----------------------------|
| Nominal Output Voltage           | 208V                       |
| Rated Output Voltage             | 190 - 208V                 |
| Receptacles (Output Connections) | (48) IEC320 C13, 12A       |
| Securelock Support               | Yes                        |
| Cord Retention                   | Yes                        |
| Overload Protection              | (3) [Moeller] FAZ-C20/2-NA |

### 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                 | 8.8 kg                                          |
| Shipping Weight             | 12.7 kg                                         |
| Shipping Dimensions (WxDxH) | 14.57" x 6.3" x 83.07" ; 370mm x 160mm x 2110mm |
| Mounting                    | Tool-less button mount                          |

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### ENVIRONMENTAL

|                             |             |
|-----------------------------|-------------|
| Operating Temperature       | 60°C        |
| Operating Relative Humidity | 85%         |
| Operating Elevation         | 0-6000ft    |
| Storage Temperature         | -25 to 65°C |
| Storage Humidity            | 0-100%      |
| Storage Elevation           | 0-10000ft   |

### CONFORMANCE

|                      |                                                                                   |
|----------------------|-----------------------------------------------------------------------------------|
| Regulatory Approvals | UL Listed, Canada ICES-003, Part 15 Class A of the FCC rules, RoHS compliant      |
| Warranty             | Standard 2 years manufacturer warranty (Extended warranty available for purchase) |

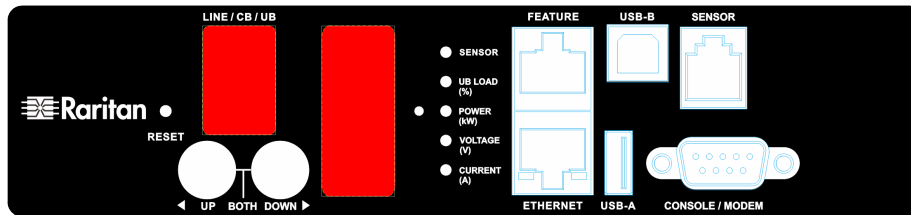
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### CONTROL PANEL

Dimension: 188mm x 43mm

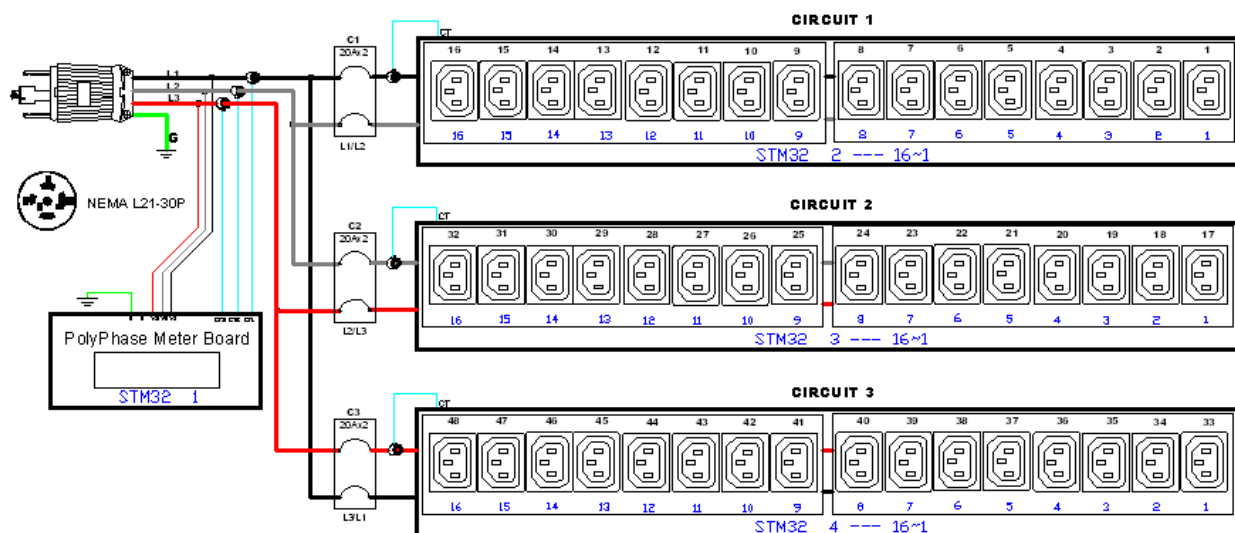


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rev20200701

### ELECTRICAL (ONE LINE) DIAGRAM

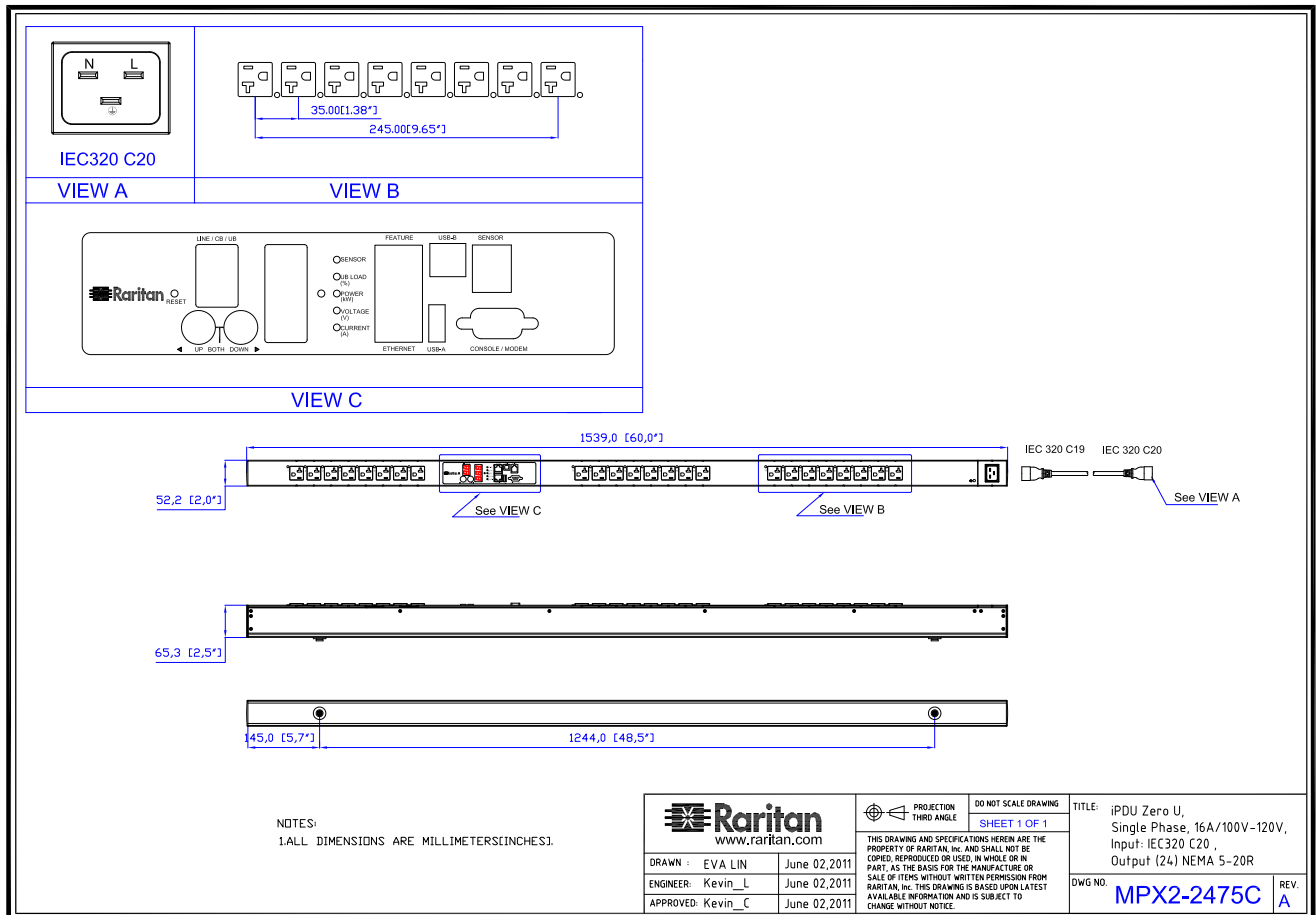


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rev20200701

### MECHANICAL DIAGRAM



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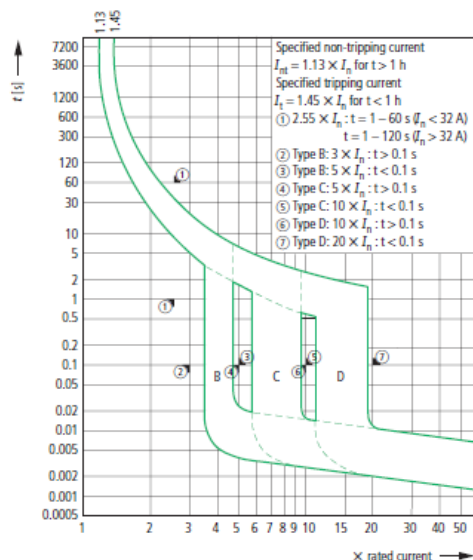
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### TRIP CURVE

#### Miniature circuit-breakers

##### FAZ...

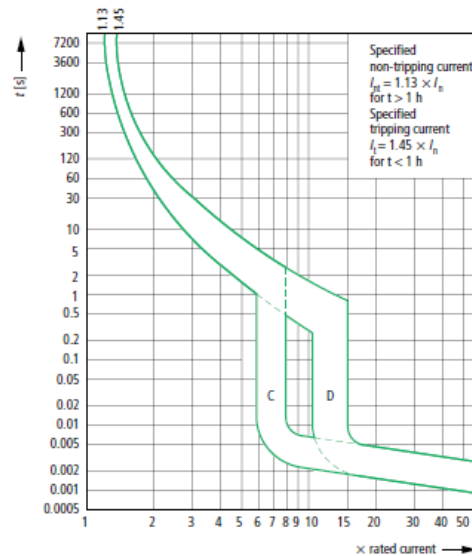
Tripping characteristic at 30 °C:  
B, C, D to IEC/EN 60898



#### Miniature circuit-breakers

##### AZ...

Tripping characteristic at 30 °C:  
C, D according to IEC/EN 60898



Miniature circuit-breakers  
Residual-current circuit-breakers

#### Combined RCD/MCB devices

##### PKNM-...

Tripping characteristic at 30 °C:  
B, C according to IEC/EN 61009

