

# Technical Specification

Raritan PX  
Model Number: PX2-2493

200-240V  
32A  
6.4-7.7KVA



## 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                                                                                                                                                                                        |
| Networking                          | 10/100 BaseT Ethernet. 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<br>up to (4) PDUs in a single cabinet can share a single Ethernet connection                                                                                                           |
| Onboard Display                     | 3-digit user-selectable display (can be selected between Manual and Auto Display Mode).<br>Can display Line voltage, Line current, CB Current (if IPDU supports CBs) and Unit active power |
| Compatible Sensors                  | Temperature, Humidity, Air Flow, Static Pressure<br>Single cable connection provides temp/humidity monitoring at three points in cabinet (with a single sensor assembly)                   |

## Input

|                       |                                                                      |                                                                                       |
|-----------------------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Input Plug            | IEC60309 2P3W 32A (L1/L2/E) IP44("splashproof") (230V, Single phase) |  |
| Cord Length           | 3 meters (9.84 feet) standard                                        |                                                                                       |
| Cord Entry            | Bottom-front feed                                                    |                                                                                       |
| Cable Type            | 2P 3W                                                                |                                                                                       |
| Number of Power Cords | 1                                                                    |                                                                                       |
| Maximum Input Current | 32A (per line)                                                       |                                                                                       |
| Nominal Input Voltage | 230V, Single phase                                                   |                                                                                       |
| Rated Input Voltage   | 200 - 240V, Single phase                                             |                                                                                       |
| Input Frequency       | 50/60Hz                                                              |                                                                                       |
| Power Capacity        | 6.4kVA at 200V, 7.7kVA at 240V                                       |                                                                                       |

## Output

|                        |                                                                                       |
|------------------------|---------------------------------------------------------------------------------------|
| Nominal Output Voltage | 230V                                                                                  |
| Rated Output Voltage   | 200 - 240V                                                                            |
| Output Connections     | a. (20) IEC 60320 C13 2-pole, 3-wire; 10A<br>b. (4) IEC 60320 C19 2-pole, 3-wire; 16A |
| Overload Protection    | (2) 16A 1-pole [Airpax] IEGBX-6-37664-16-V circuit breaker                            |
| Cable Retention        | Raritan SecureLock™ Ready<br>Optional retention clips are also available              |

## Physical

|                        |                                                     |
|------------------------|-----------------------------------------------------|
| Dimensions (W x D x H) | 2.1" x 2.6" x 60.6" ; 52.00mm x 65.00mm x 1539.00mm |
| Color                  | Black powder coat                                   |
| Mounting               | Tool-less button mount                              |

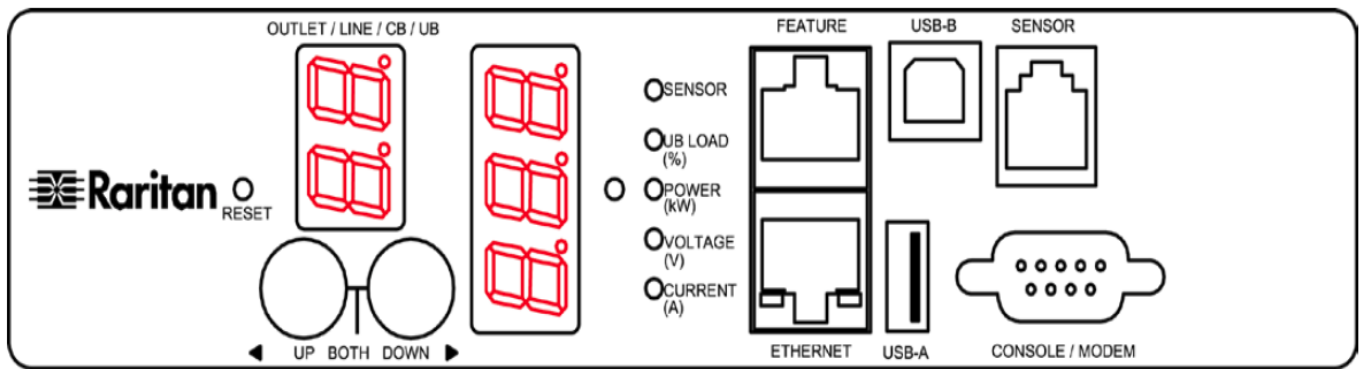
## Environmental

|                             |                       |
|-----------------------------|-----------------------|
| Operating Environment       | 5 - 50°C (41 - 122°F) |
| Operating Relative Humidity | 5-95%                 |
| Operating Elevation         | 0-10000ft             |

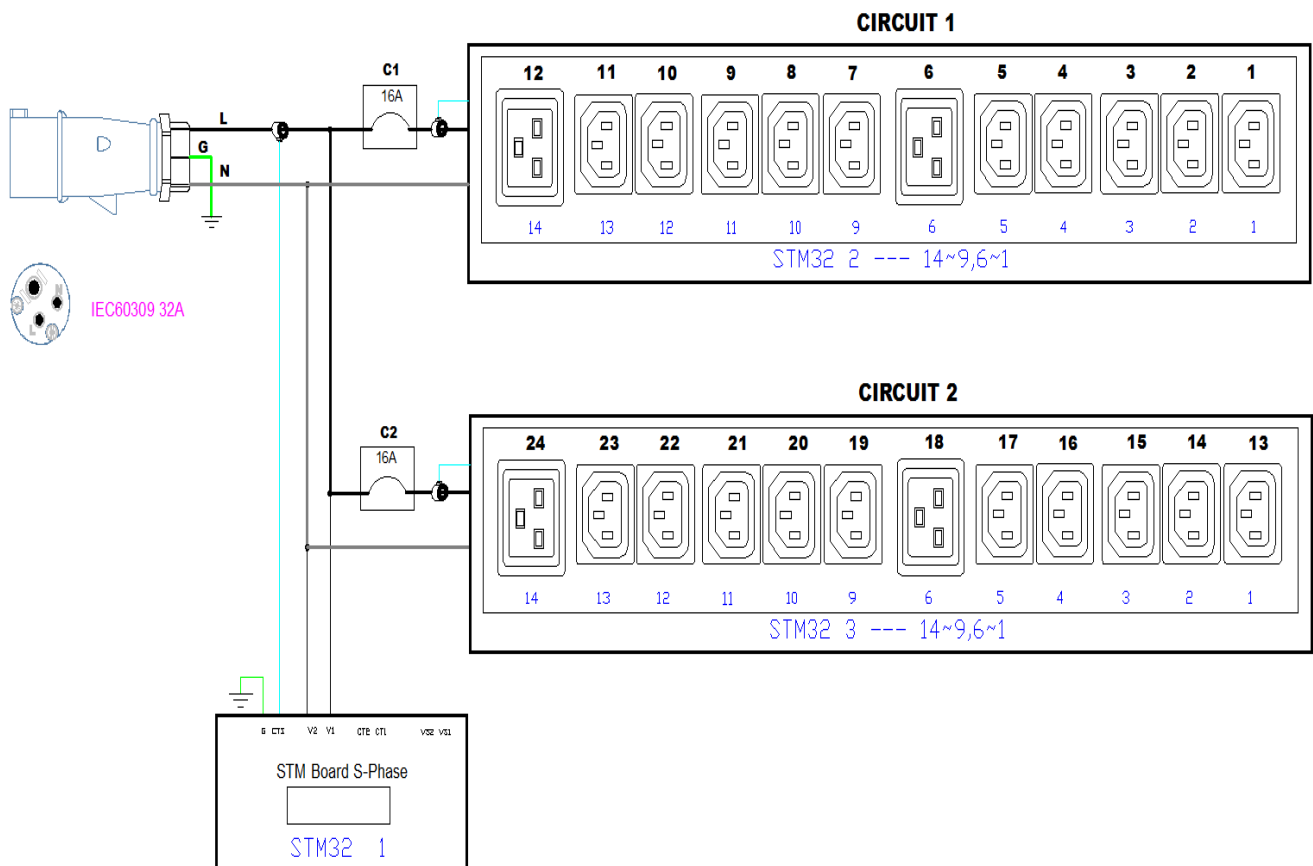
## Conformance

|                      |                                                                                      |
|----------------------|--------------------------------------------------------------------------------------|
| Regulatory Approvals | CE<br>Canada ICES-003, Class A<br>Part 15 Class A of the FCC rules<br>RoHS compliant |
|----------------------|--------------------------------------------------------------------------------------|

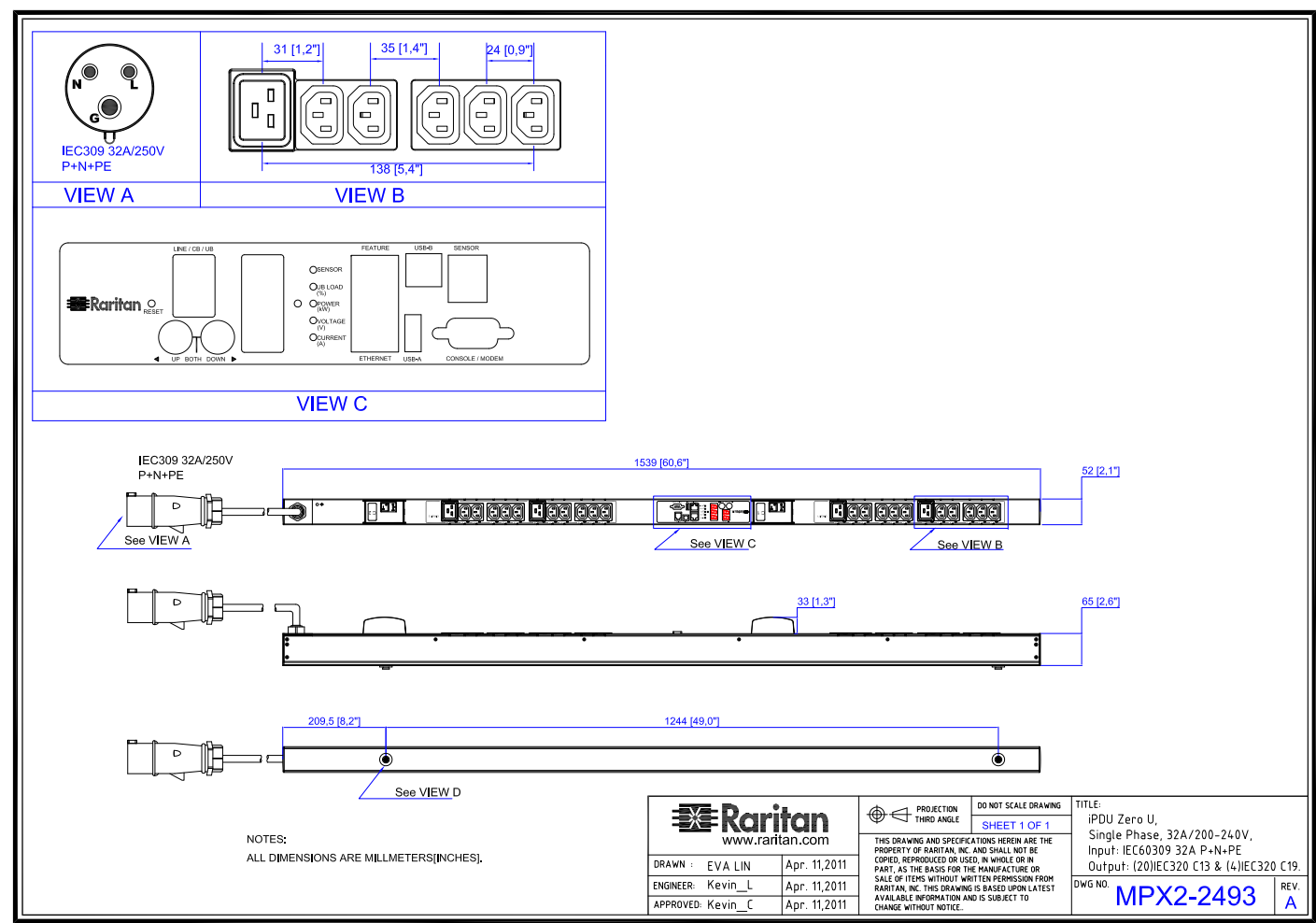
## Control Panel Detail



## Electrical Drawing Detail



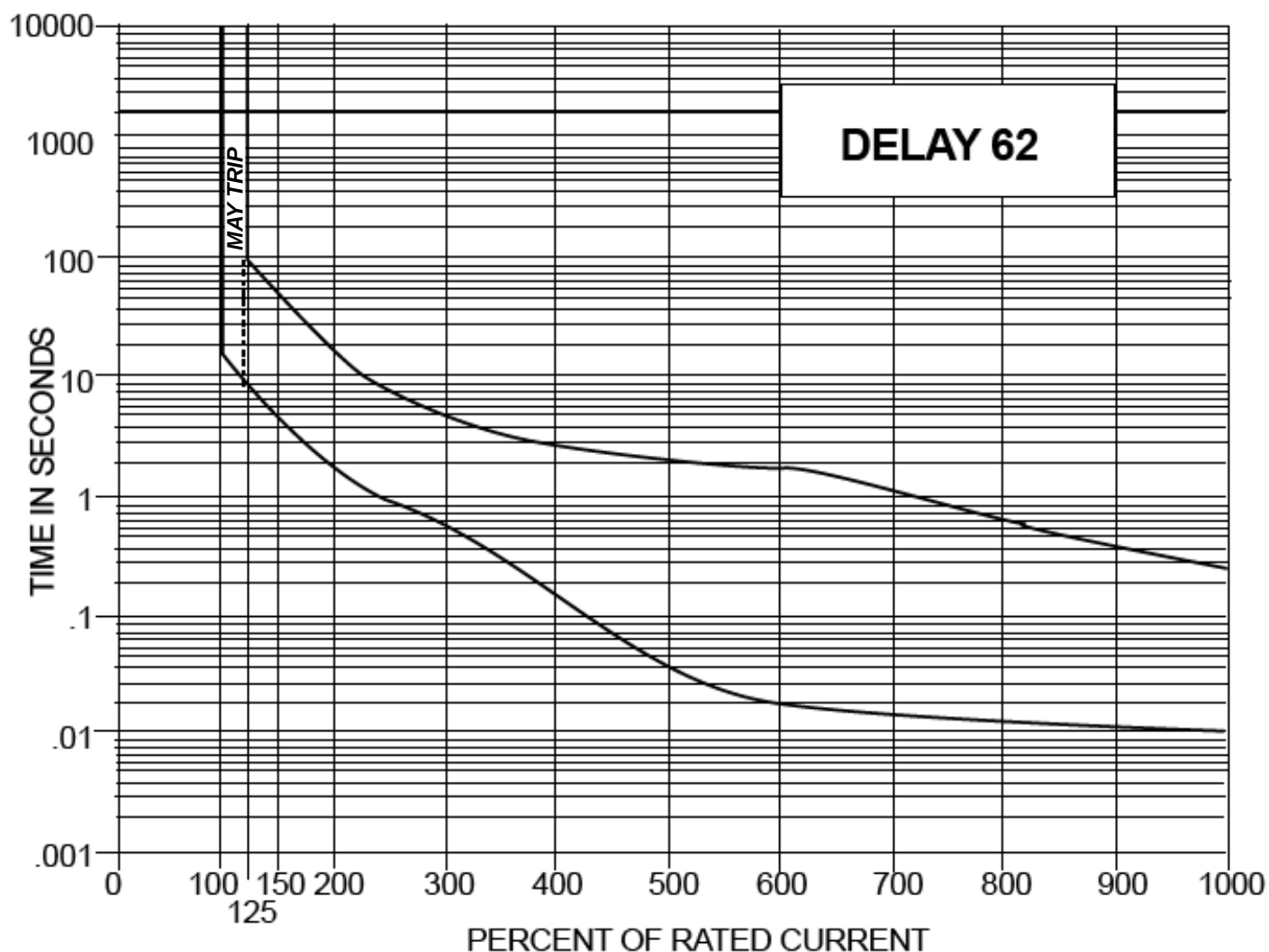
Mechanical Diagram



## Compatible Sensors

|               |                                                                                                                                                                                                                                                                                      |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environmental | DPX-T1 : single temperature node<br>DPX-T2H2 : 2 nodes: each providing both temp + humidity<br>DPX-T3H1 : 3 temperature nodes; one also with humidity<br>DPX-TDP1 : temperature + differential air pressure<br>DPX-AF1 : air flow sensor<br>DPX-CC2-TR : Dual contact closure sensor |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Trip Curve of Circuit Breaker



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