

# Technical Specification

Raritan PX  
Model Number: PX2-5530

380-415V 3Ø  
32A  
21.1-23.0KVA



## 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      | Yes                                                                                                                                                                                                                                                                                              |
| 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 CB), Unit active power, Unbalanced Current percentage (if 3 phase IPDU), Outlet Voltage, Outlet Current, and Outlet 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 4P5W 32A (L1/L2/L3/N/E)<br>IP44("splashproof") (400V, 3 phase) |  |
| Cord Length           | 3 meters (9.84 feet) standard                                           |                                                                                       |
| Cord Entry            | Terminal block                                                          |                                                                                       |
| Cable Type            | 4P 5W                                                                   |                                                                                       |
| Number of Power Cords | 1                                                                       |                                                                                       |
| Maximum Input Current | 32A (per line)                                                          |                                                                                       |
| 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                                                                            |
| Output Connections     | a. (21) IEC 60320 C13 2-pole, 3-wire; 10A<br>b. (3) IEC 60320 C19 2-pole, 3-wire; 16A |
| Overload Protection    | (6) 16A 1-pole Airpax LEGBX6-37483-16-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 70.1" ; 52.2mm x 65.3mm x 1780.mm |
| Color                  | Black powder coat                               |
| Mounting               | Tool-less button mount                          |

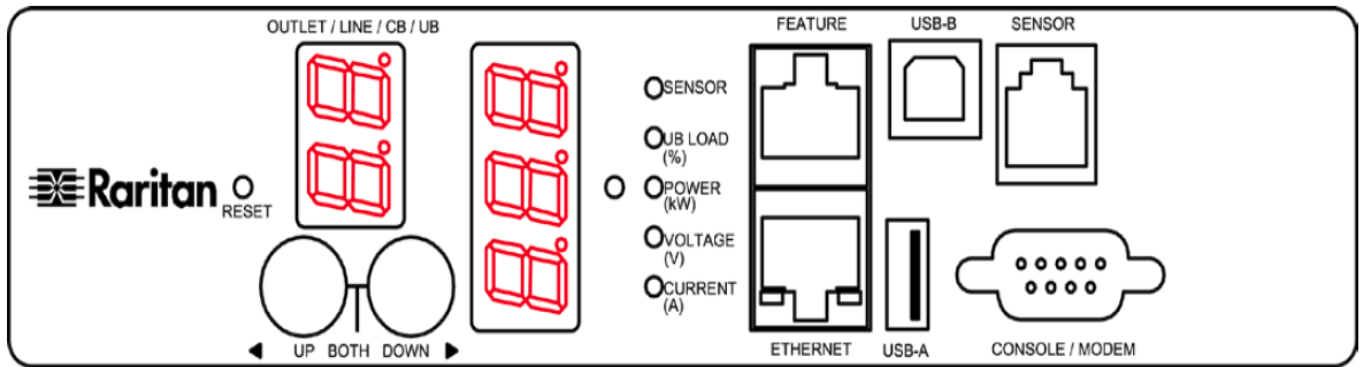
## Environmental

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

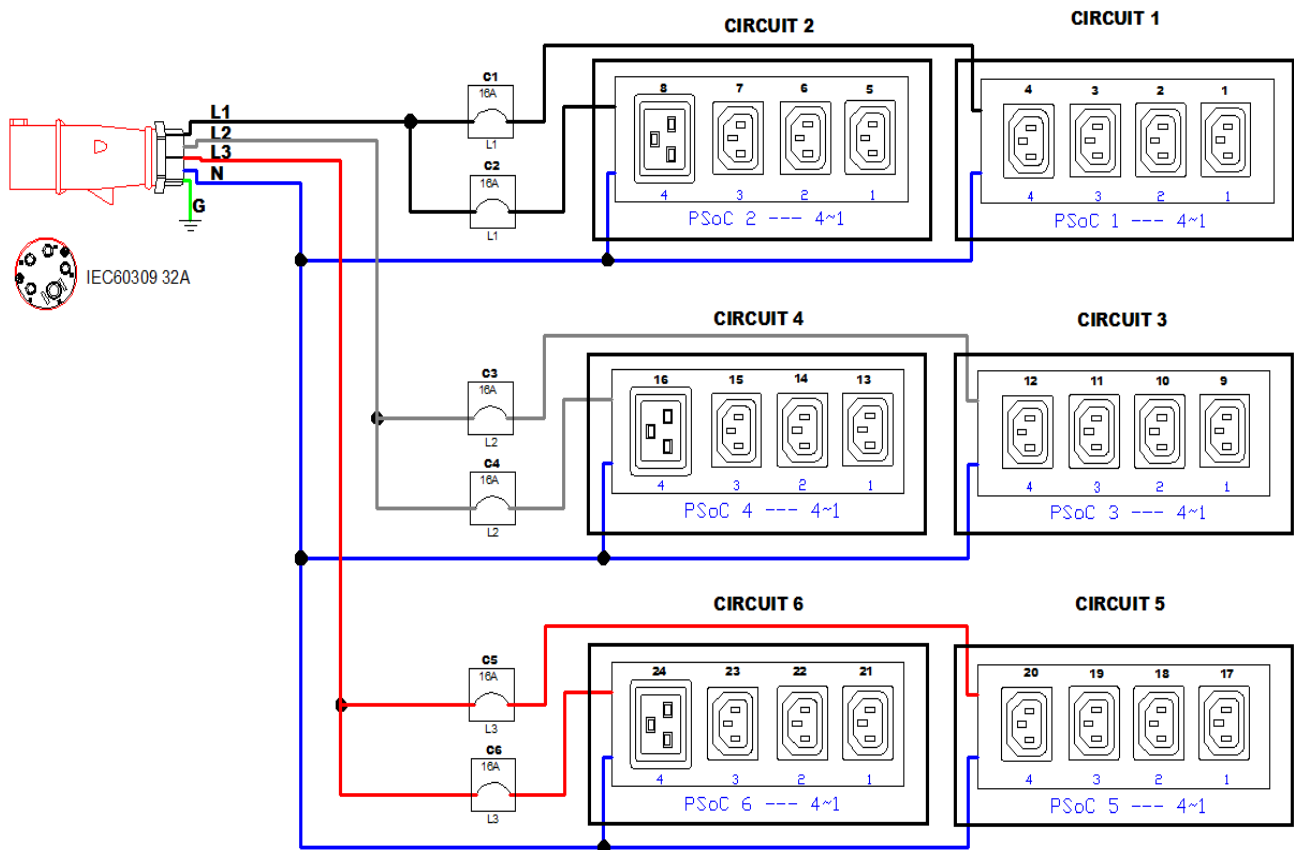
## Conformance

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

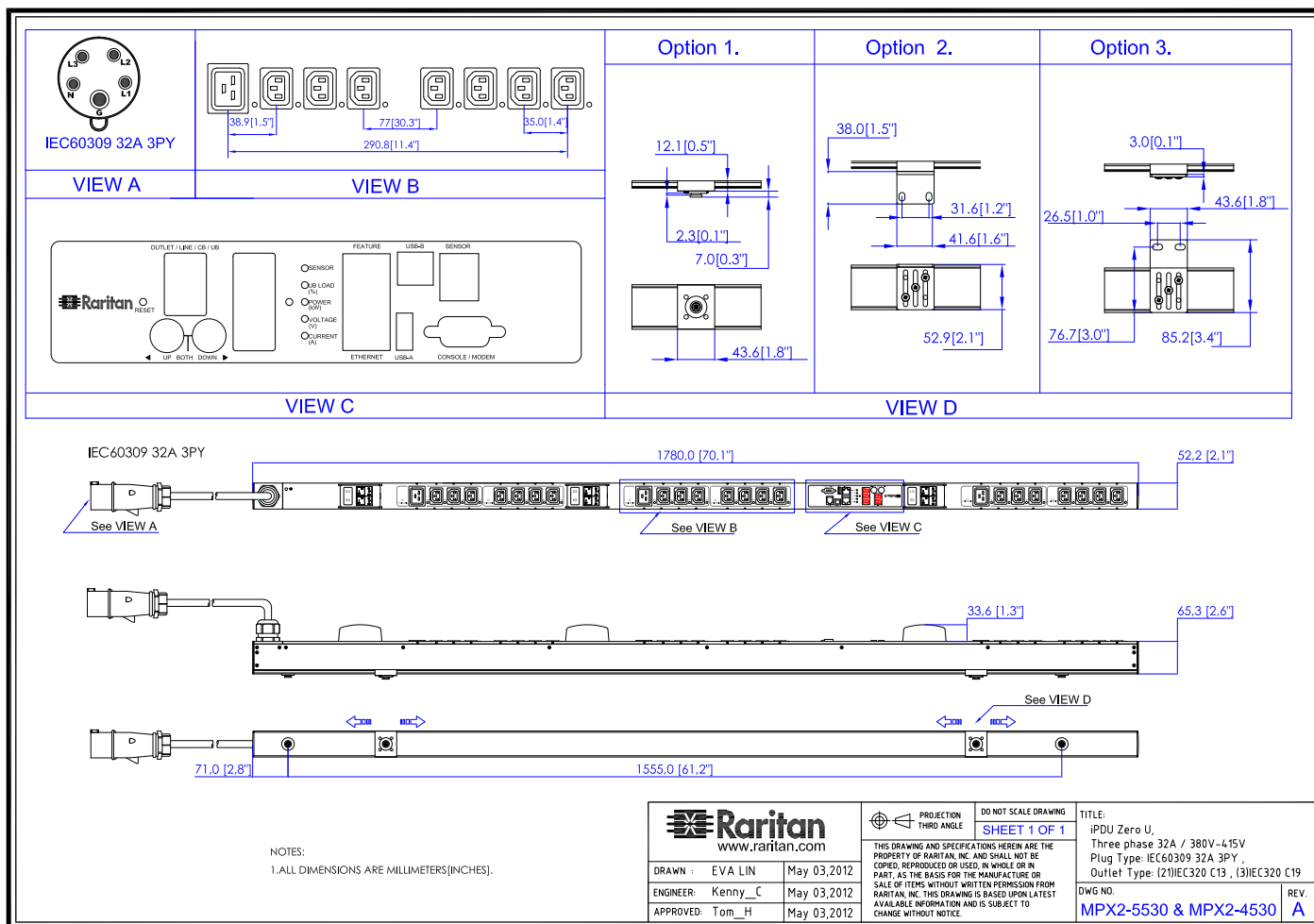
## Control Panel Detail



## Electrical Drawing Detail



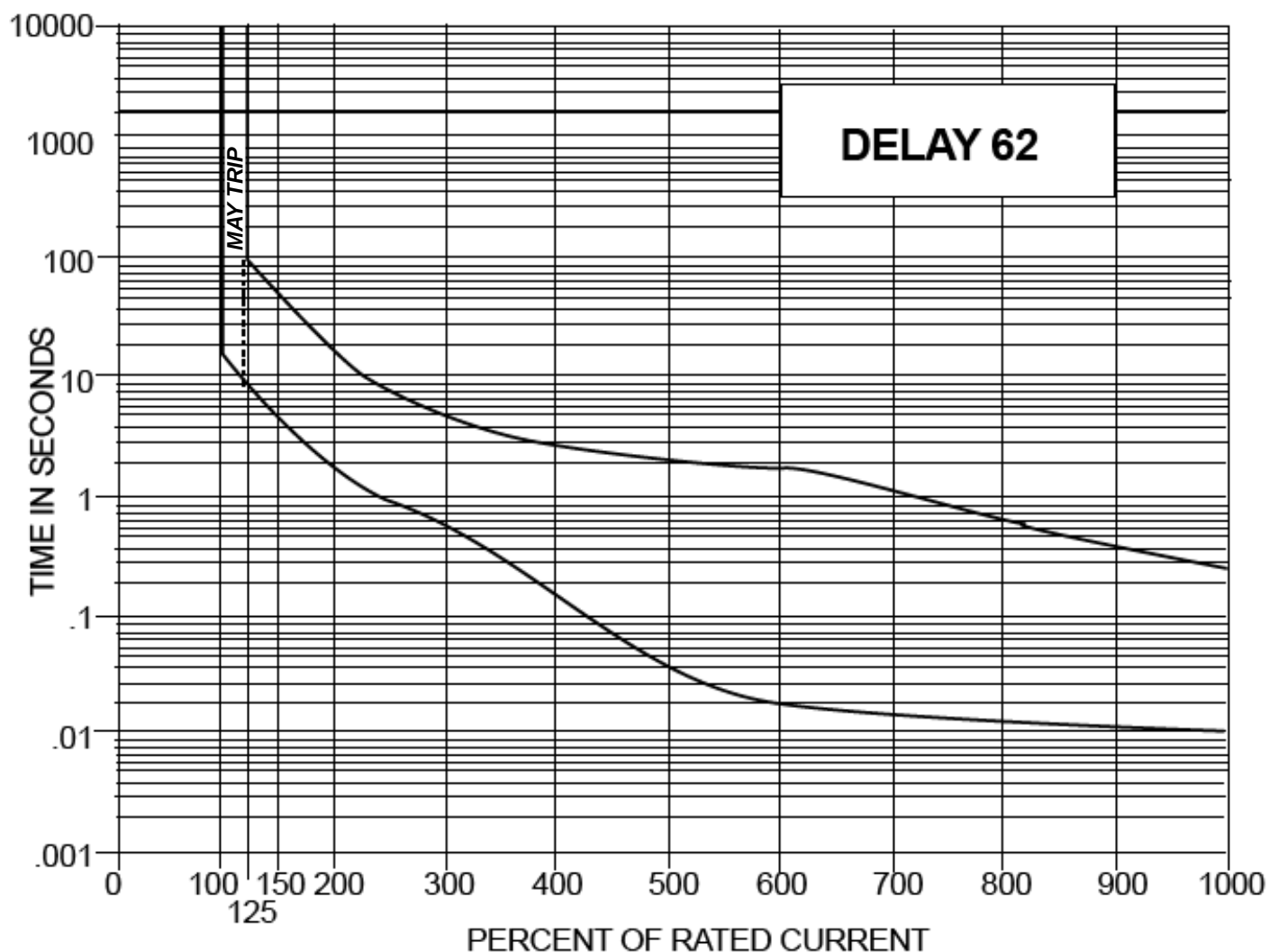
# Mechanical Diagram



## 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



©2013 Raritan Inc. All rights reserved. Raritan®, Know More. Manage Smarter.TM, Dominion® and PX® are registered trademarks or trademarks of Raritan Inc. or its wholly owned subsidiaries. All others are registered trademarks or trademarks of their respective owners. For more information, please visit [www.raritan.com](http://www.raritan.com)