

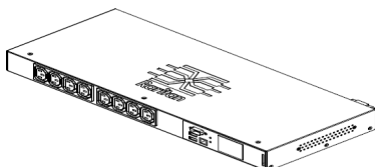
# Technical Specification

Raritan PX  
Model Number: PX3-5201R

200-240V  
24A  
4.8-5.8KVA



## 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>Max 8 PDUs can be daisy chained using a single Ethernet connection                                                                                                |
| Onboard Display                     | User-selectable display (voltage, current, or active power: per line, per breaker, or per receptacle)                                                                    |
| 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            | NEMA L6-30P IP44("splashproof") (208V, Single phase) |  |
| Cord Length           | 3 meters (9.84 feet) standard                        |  |
| Cord Entry            | Rear feed                                            |  |
| Cable Type            | 2P 3W                                                |  |
| Number of Power Cords | 1                                                    |  |
| Maximum Input Current | 30A (per line)                                       |  |
| Rated Input           | 24A (per line) (North America)                       |  |
| Nominal Input Voltage | 208V, Single phase                                   |  |
| Rated Input Voltage   | 200 - 240V, Single phase                             |  |
| Input Frequency       | 50/60Hz                                              |  |
| Power Capacity        | 4.8kVA at 200V, 5.8kVA at 240V                       |  |

## Output

|                        |                                                                                                                                                  |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Nominal Output Voltage | 208V                                                                                                                                             |
| Rated Output Voltage   | 200 - 240V                                                                                                                                       |
| Output Connections     | a. (6) IEC 60320 C13 2-pole, 3-wire; 12A (regulatory derated from 15A)<br>b. (2) IEC 60320 C19 2-pole, 3-wire; 16A (regulatory derated from 20A) |
| Overload Protection    | (2) 20A 2-pole LEGBX66-20 circuit breaker                                                                                                        |
| Cable Retention        | Raritan SecureLock™ Ready<br>Optional retention clips are also available                                                                         |

## Physical

|                        |                                            |
|------------------------|--------------------------------------------|
| Dimensions (W x D x H) | 17.3" x 7.2" x 1.7" ; 440mm x 183mm x 44mm |
| Color                  | Black powder coat                          |
| Mounting               | 100-89-8430-00                             |

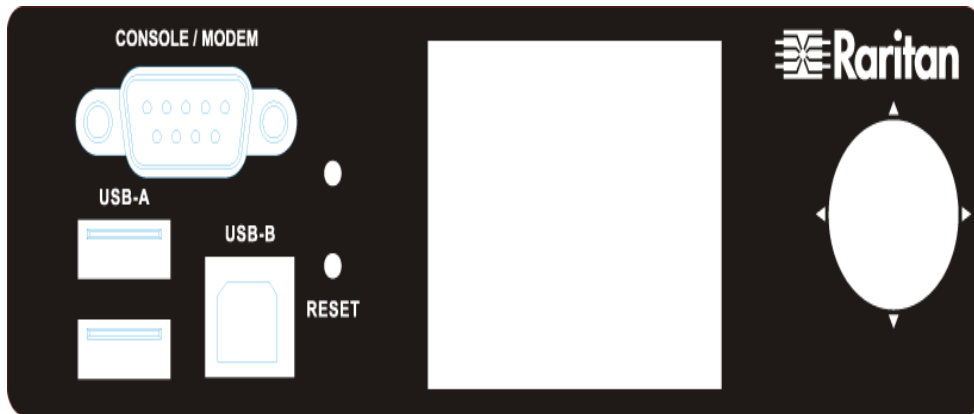
## Environmental

|                             |                       |
|-----------------------------|-----------------------|
| Operating Environment       | 5 - 60°C (41 - 140°F) |
| Operating Relative Humidity | 5-85%                 |
| Operating Elevation         | 0-10000ft             |

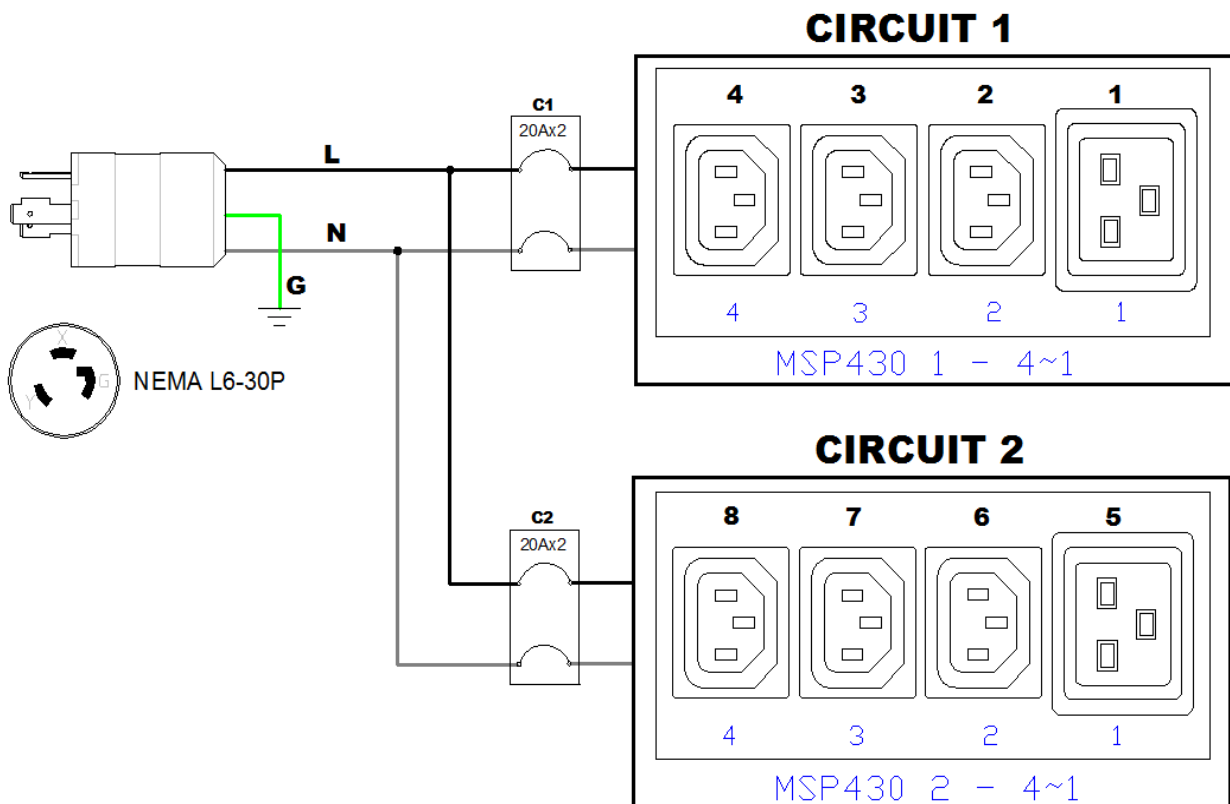
## Conformance

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

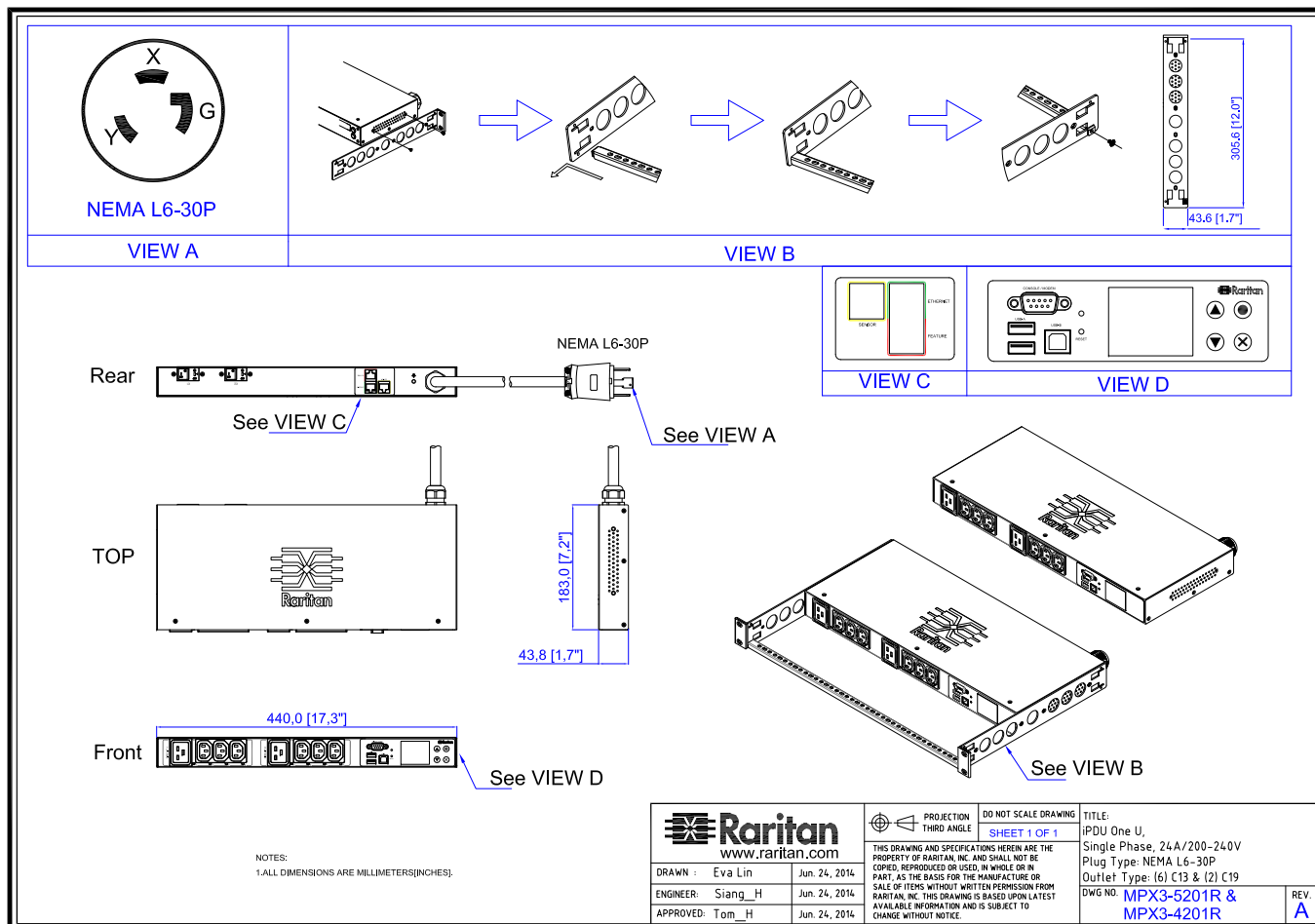
## Control Panel Detail



## Electrical Drawing Detail



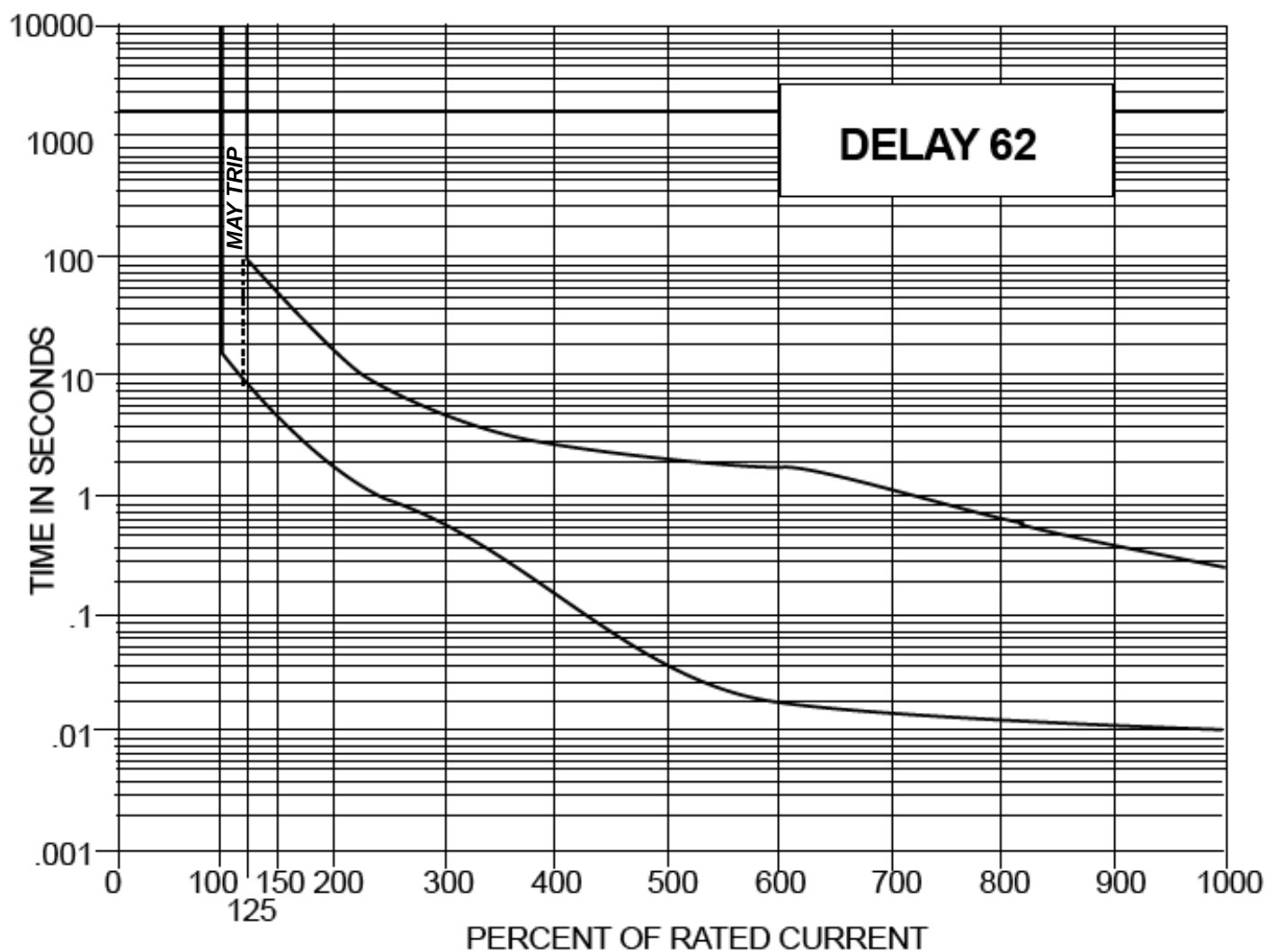
# Mechanical Diagram



## 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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