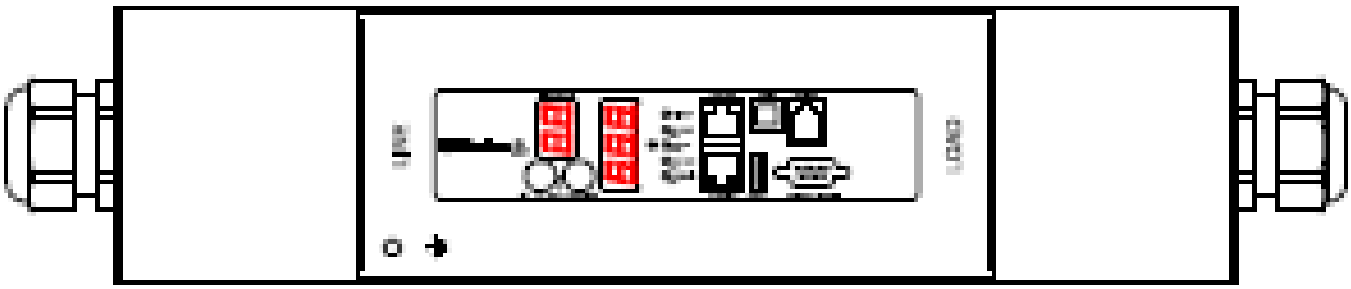
Technical Specification

Raritan PX
Model Number: PX2-3180

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	No
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 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). 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 Single cable connection provides temp/humidity monitoring at three points in cabinet (with a single sensor assembly)

Input

Input Plug	AC Terminal (400V, 3 phase)
Cord Length	N/A
Cord Entry	Bottom-front feed
Cable Type	N/A
Number of Power Cords	1
Maximum Input Current	79A (per line)
Rated Input	63A (per line) (North America)
Nominal Input Voltage	400V, 3 phase

Rated Input Voltage	360 - 415V, 3 phase
Input Frequency	50/60Hz
Power Capacity	0.0kVA at 360V, 0.0kVA at 415V

Output

Nominal Output Voltage	400V
Rated Output Voltage	360 - 415V
Output Connections	(1) AC Terminal; 63A
Overload Protection	N/A
Cable Retention	Optional retention clips are also available

Physical

Dimensions (W x D x H)	4.2" x 4.5" x 17.2" ; 107.20mm x 113.60mm x 435.00mm
Color	Black powder coat
Mounting	Tool-less button mount

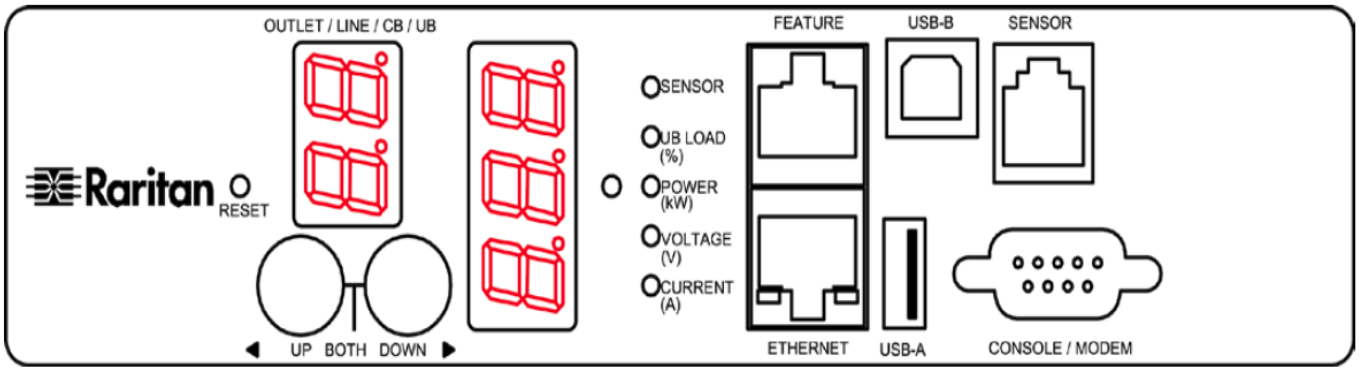
Environmental

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

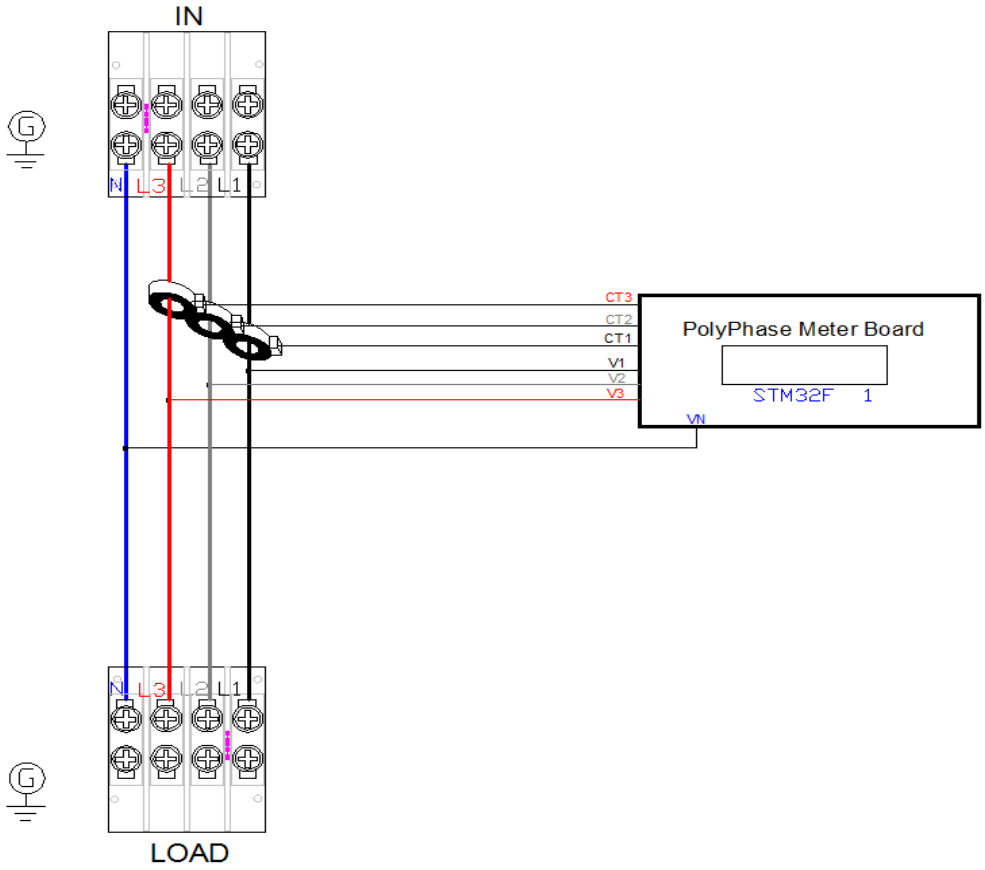
Conformance

Regulatory Approvals	UL Listed and CE Canada ICES-003, Class A Part 15 Class A of the FCC rules RoHS compliant

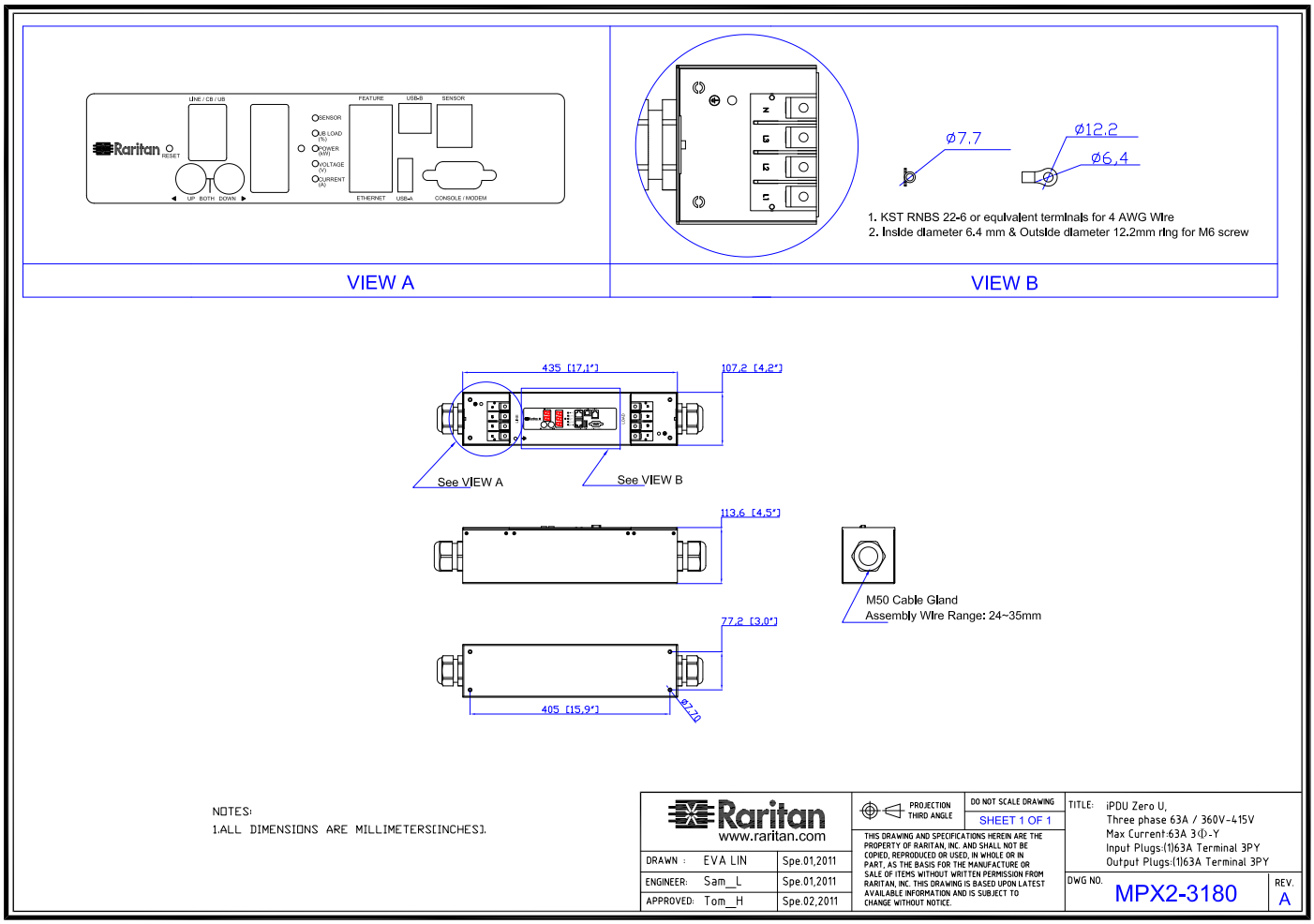
Control Panel Detail



Electrical Drawing Detail



Mechanical Diagram



Compatible Sensors

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

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