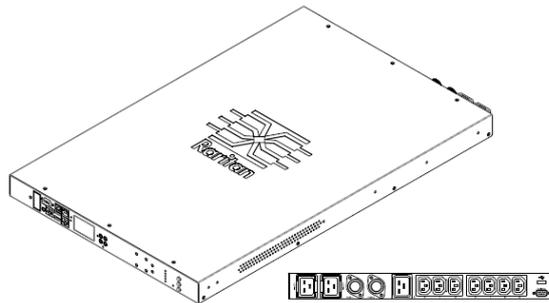


Technical Specifications / Engineering Submittals

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LINE DRAWING



Transfer Switch Characteristics

Transfer speed	Load transfer time 4-8ms
Switching Technology	Patent-Pending hybrid design uses electromechanical relays and silicon controlled rectifiers (SCR) to transfer a load between sources
Robust Switch Circuitry	Oversize 48A relays, 70A SCR (Silicon Controlled Rectifiers)
Out Of Phase Transfers	Reliable transfer when power in or out of phase
Power Quality Transfers	Transfers when voltage/frequency is outside user configurable range
User Configurable Setting	Voltage, Frequency and Phase angle

Metering

Energy Metering	Volts, Amperage, Active Power (kW), Apparent Power (kVA), Power Factor, Energy (kWh)
Metering Accuracy	Billing Grade (+/- 1%)
Metering per Line	Yes
Temp / Humidity Sensor Ready	Yes
Front panel indicator	Transfer switch status and controls, energy meter, alarms
Networking	10/100 BaseT Ethernet. Optional WiFi(802.11a/b/g/n)
Remote Management	HTTP(s); SSH; Telnet; RS-232(Serial); SNMP Versionv2/v3; SMTP; JSON-RPC, PowerIQ, Modbus RTU

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Input

Input Connections	(2) IEC 60320 C20 16A 2P3W (L1/L2/E) IP44("splashproof")
Cord Length	3.0 meters
Maximum Input Current	16A (per line)
Rated Input Current	16A (per line) (North America)
Rated Input Voltage	200 - 240V, Single phase
Input Frequency	50/60Hz
Load Capacity	3.2kVA at 200V, 3.8kVA at 240V

Output

Output Connections	a. (7) C13 2-pole, 3-wire; 10A b. (1) C19 2-pole, 3-wire; 16A
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Circuit Protection & Supervisory Alarms

Protection	Inlet surge protection & field replaceable fast blow fuses for load short circuit protection
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Physical

Unit Dimensions (W x D x H)	17.3" x 27.0" x 1.7" ; 440mm x 685mm x 44mm
Shipping Dimensions (W x D x H)	22.13" x 5.75" x 31.97" ; 562mm x 146mm x 812mm
Color	Black powder coat
Mounting	Sliding kit to mount in front or rear of rack

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Environmental

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

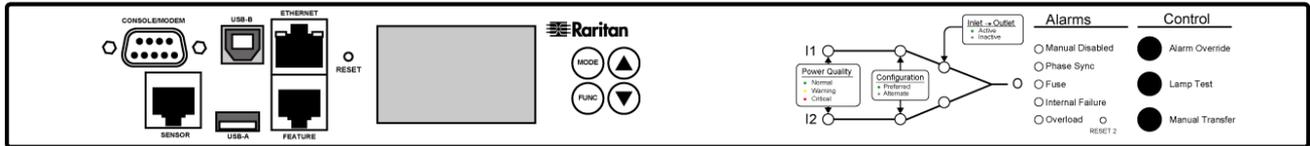
Regulatory Approvals	CE, RoHS, Canada ICES-003
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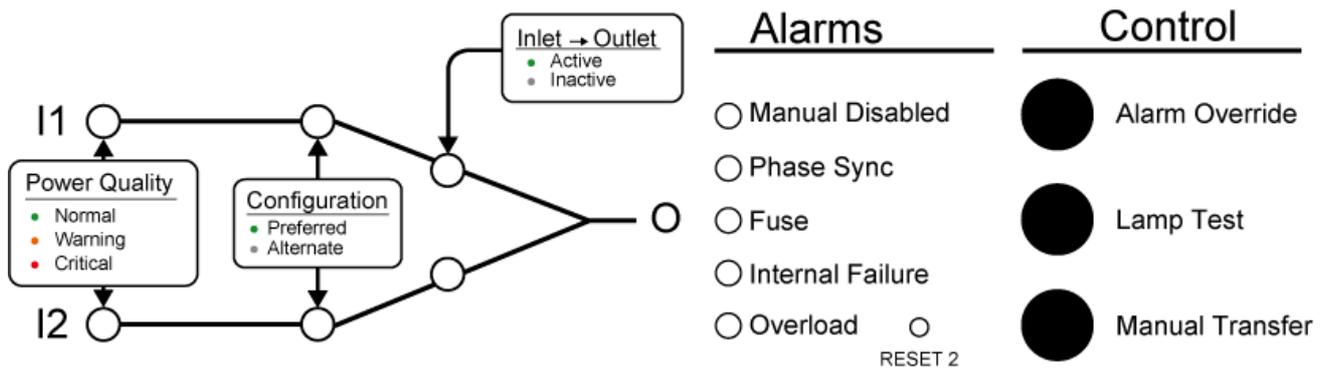
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Control Panel Detail



Transfer Switch Status, Control & Alarms

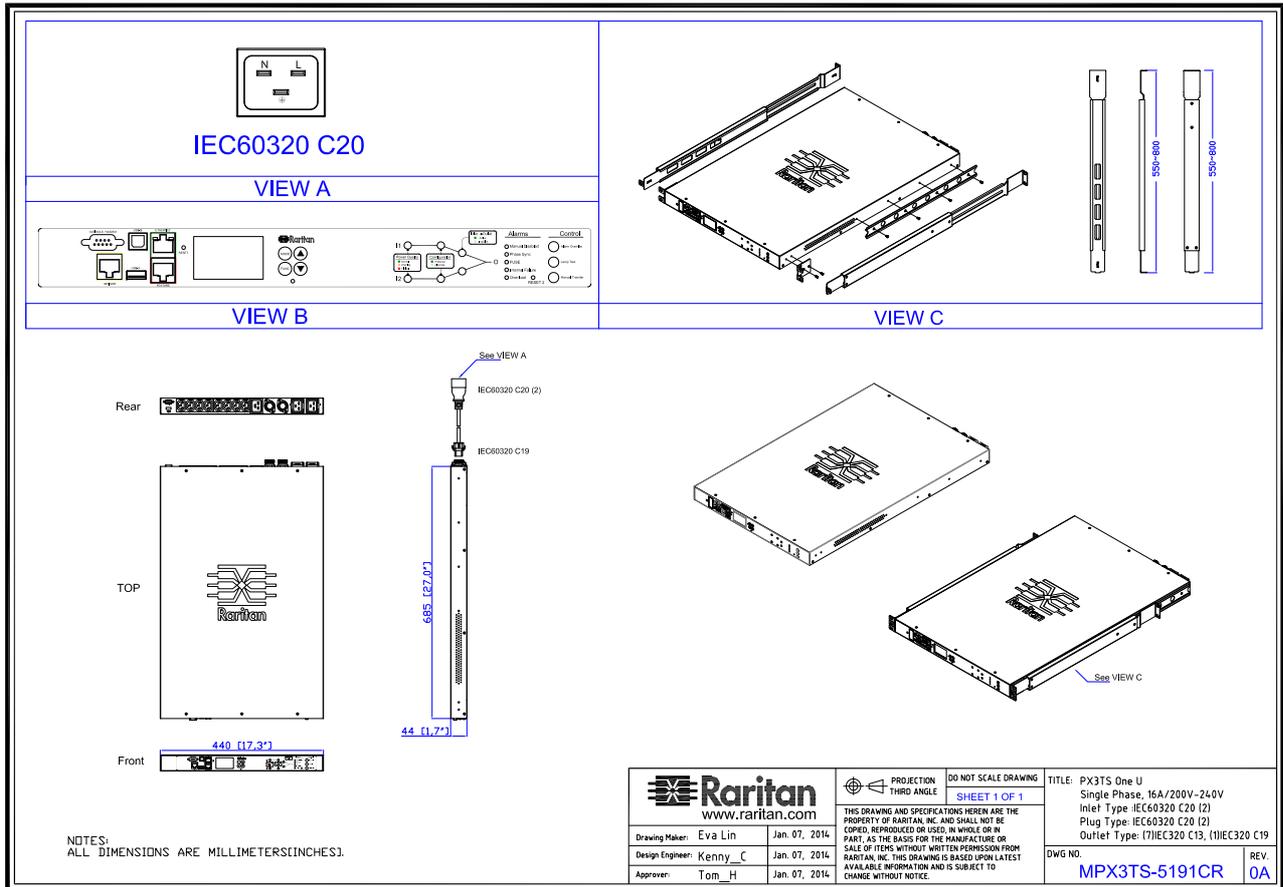


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Mechanical Diagram



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