

PRODUCT SOLUTIONS BRIEF
RARITAN

DATA CENTER POWER OPTIMIZATION



Through our strong global partnerships and alliances with manufacturers such as Raritan, we are able to present you with the following offering to meet your specific data center requirements.

Hybrid Rack Transfer Switches

Raritan’s hybrid rack transfer switches use electromechanical relays and silicon controlled rectifiers (SCRs) to transfer a load between two sources. The result is performance and reliability that exceeds that of standard automatic transfer switches (ATS) at a lower price point than static transfer switches (STS).



Hybrid rack transfer switch with outlet-level metering and switching

CHALLENGE SOLVERS

- This is the first hybrid rack transfer switch that combines electromechanical relays and silicon-controlled rectifiers (SCRs) for exceptional performance and reliability.
- SCRs provide fast power transfer times at 4 to 8 ms, which allows your equipment to operate when power fails or fluctuates.
- Real-time remote power quality monitoring with user defined threshold alerts for voltage and frequency includes AC waveform of last transfer and metering of power loads.
- It reboots hung servers or keeps outlets off to prevent unauthorized access, provide proper provisioning and avoid tripped breakers.

THE ANIXTER APPROACH

Intelligent Power Chain

- **Cabinet distribution**
 Deploy intelligent PDUs that generate alert notifications that mitigate human error.

THE RARITAN SOLUTION

CHASSIS TYPE	AMPERAGE	OUTLET TYPE
1U	16	C13
2U	20	C19
	24	NEMA 5-20R
	32	

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WHAT WE HEAR

Challenges from various data center stakeholders:



Cannot gauge **CAPACITY** needs



Budgeting of unpredictable **IT REQUIREMENTS**



Lack of **TOTAL POWER CHAIN** visibility



PREVENTING accidental outages



PERFORMANCE vs. COST

Infrastructure as a Platform
 by Anixter

Infrastructure as a Platform by Anixter provides a practical, configurable and integrated approach to retrofitting or building an intelligent power chain into your data center environment.

CONFIGURE

We help you discover and map your specific needs to the best solution.

- Input voltage and current
- Input plug type
- Outlet quantity and type
- Unit or outlet level metering

BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- Cabinet and racks
- Raritan PX intelligent PDUs
- Power IQ monitoring software
- Environmental sensors

DEPLOY

Controlled, repeatable solutions are delivered on time and under budget.

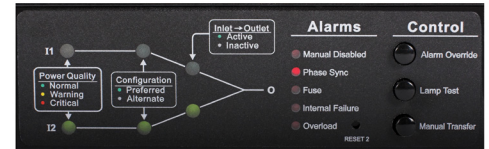
- Custom packaging and labeling
- Time-sensitive delivery options
- Staged project shipping
- Tailored last-mile delivery

PREVENT AND MITIGATE OUTAGES

- Current sampling at 4,800 times per second
- Power load transfers within 4 to 8 ms
- No risk of electric arcing
- Built-in sensors detect failed power feeds
- Runs up to 60°C (UL) and 50°C (CE) environment
- Inlet surge protection

MONITOR POWER CAPACITY

- Outlet switching for remote power control
- Inlet, outlet and branch circuit level metering
- Local and remote Web-based monitoring and alarms
- Seamlessly integrates with Power IQ®
- Threshold alerting and status updates via GSM text, email and syslog
- Ports for environmental sensors



Colored indicator lamps provide transfer switch status locally.

> FOR MORE DETAILS VISIT ANIXTER.COM/SHOPRARITAN

About Anixter: anixter.com/aboutus
Legal Statement: anixter.com/legalstatement

For over 30 years, Anixter has been the leading global, value-added distributor of physical layer communication infrastructure solutions for office, building and campus environments. As experts in large-scale project execution, we are a trusted supplier to leading communication integrator companies and have worked with many Fortune 500 companies.

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