

OVERVIEW

Rack Transfer Switch (RTS) delivers redundant power to single corded devices. The RTS automatically detects the loss of power and switches the power load (no phase-synchronization required) to the alternative power source in less than 4-8 milliseconds without the need for human intervention.

Benefits

- Reliable power distribution with local and remote power monitoring options offer quick access to critical power usage information to evaluate energy usage trends and maximize uptime.
- Environmental monitoring capabilities with the addition of optional environmental sensors ensure users have critical infrastructure data at their fingertips to prevent climate-related equipment failure and system downtime.
- Fault-Tolerant Daisy Chaining with RSTP simplifies intelligent rPDU connectivity and ensures data is reported even when a break in the network chain occurs. Supports up to 40 rPDUs.
- Daisy-chain up to 50 devices on a single IP address and reduce deployment time with self-configuration of downstream devices.
- Standard three-year warranty, upgraded to a five-year warranty with product registration.



Part #: VA6N21A0

Model Number: ANR5M1R5-06S203-2ST5ST5A011-D

Category: Rack Transfer Switch

Sub Category: Monitored Outlet Level

Power Configuration: 20A, 120V, 1.9kW

Physical Configuration: 19in / 483mm, Horizontal

Product Summary: rPDU, Rack Transfer Switch Monitored Outlet Level, 20A, 120V, 1.9kW, Horizontal, (6) NEMA 5-20R, 10ft / 3m power cords with 5-20P, Black Powder Coat.

Monitoring: Input and Outlet power monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.

Plug Form:

5-20P

Receptacle:NEMA 5-20R
(Quantity: 6)**Chassis Color Options:***To discuss color options, contact your local sales representative.***Product Specification and Options****System Features**

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| Monitoring | Input and Outlet power monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display. |
| Input Monitoring | Phase (A) Monitoring (kWh, W, VA, PF, V, A) Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements |
| Outlet Monitoring | Outlet Monitoring (kWh, W, VA, PF, V, A) Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements. |
| Power Switching | Auto Switching - In Event of Power Failure |
| Transfer Time | <4-8ms |
| Out of Phase Transfers | Yes |
| Front Panel HMI LED Overlay | Yes |
| Rear Panel LED Overlay | Yes |
| Quantity Of Inputs | 2 (Dual Input) |
| Voltage | 100-120V |
| Current | 20A |
| VA per Input (Load Capacity) | 1.9kW (120V) |
| Frequency | 50/60Hz |
| Over Current Protection | None |
| Switch | No |
| LCD Touchscreen Display / Auto Oriented | Yes |
| Indicators - LED(s) | 6 |
| Power Cable Wire Gauge | 12/3 |
| Power Cable Length | 10ft / 3m |
| Power Entry Location | Left Rear |
| Plug Type | (2) NEMA 5-20P |
| Receptacle/Socket Type #1 | NEMA 5-20R |
| - Quantity on Rear | 6 |

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|---|--|
| - Style | Individual |
| - Voltage per Receptacle/Socket | 120V |
| Network Connection | Dual 10/100/1000Mbps Ethernet |
| Protocols Supported | DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP |
| Data Access Formats | CSV datalog, JSON API, JSON datalog |
| USB Support | Yes |
| IP Reset Button | Yes |
| Hard Reboot Button | Yes |
| Serial Connection | RS232 via RJ45 |
| Remote Sensor RJ Connection Jacks | 1 (Supports up to 16 Sensors) |
| Maximum Operating Temperature | 60C / 140F |
| Heavy Steel - Powder Coat Finish | Black |
| Configuration | 19in / 483mm Horizontal Rackmount |
| Adjustable 4 Post Mounting (Range) | Yes (24" - 37") |
| 2 Post Mounting Kit | Yes |
| Product Warranty | 5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years |
| Certification/Agency Approvals | RoHS Compliant |
| Certification/Agency Approvals | FCC Part 15 Class A Conformance |
| Certification/Agency Approvals | UL & c-UL Listed 62368-1 |
| Chassis Dimensions (HxWxD) | 1.72in x 17in x 18in / 44mm x 432mm x 457mm |
| Shipped Weight | 12lbs (5.44kg) |