

## 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 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**

|   |  |
|---|--|
| Monitoring                              | Input and Outlet power monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display. |
| Input Monitoring                        | Phase (A) Monitoring (kWh, W, VA, PF, V, A)<br><br>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)<br><br>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  |
| - Style                                 | Individual   |

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