

## 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

- Remotely reboot outlets to power cycle unresponsive IT equipment or increase runtime of critical equipment upon power failure with outlet-level control.
- 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.



## Part #: VA5N21A0

**Model Number:** ANS5M1R5-06S203-2ST5ST5A011-D

**Category:** Rack Transfer Switch

**Sub Category:** Switched Unit Level Monitoring

**Power Configuration:** 20A, 120V, 1.9kW

**Physical Configuration:** 19in / 483mm, Horizontal

### Product Summary:

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

### Monitoring:

Input power monitoring with Outlet switching. 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

|   |   |
|---|---|
| Monitoring                              | Input power monitoring with Outlet switching. 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)<br><br>Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements                        |
| Remote Power Management                 | Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up  |
| 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  |
| - 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)   |