

## 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.
- Every unit is 100% tested for reliability and functionality.



## Part #: VA4N21A0

**Model Number:** AN05M1R0-10S203-2ST5ST5A011-D

**Category:** Rack Transfer Switch

**Sub Category:** Monitored Unit Level

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

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

### Product Summary:

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

### Monitoring:

Input 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: 10)

### Chassis Color Options:



To discuss color options, contact your local sales representative.

Product Specification and Options

System Features

|                                         |                                                                                                                                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Monitoring                              | Input power monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display. |
| Monitoring Level 1                      | Phase (A) Monitoring (kWh, W, VA, PF, V, A)                                                                                                     |
| Power Switching                         | Auto Switching - In Event of Power Failure                                                                                                      |
| Transfer Time                           | <4-8ms                                                                                                                                          |
| Out of Phase Transfers                  | Yes                                                                                                                                             |
| Front Panel HMI 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                                                                                                                                             |
| 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                      | 10                                                                                                                                              |
| - 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                 | 17lbs (7.71kg)                              |