

## 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 #: VA5N2100

**Model Number:** ANS3E1R5-06S203-2ST5ST5A011-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)

Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements

<b>Remote Power Management</b>	Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up
<b>Power Switching</b>	Auto Switching - In Event of Power Failure
<b>Transfer Time</b>	<4-8ms
<b>Out of Phase Transfers</b>	Yes
<b>Front Panel HMI LED Overlay</b>	Yes
<b>Rear Panel LED Overlay</b>	Yes
<b>Quantity Of Inputs</b>	2 (Dual Input)
<b>Voltage</b>	100-120V
<b>Current</b>	20A
<b>VA per Input (Load Capacity)</b>	1.9kW (120V)
<b>Frequency</b>	50/60Hz
<b>Over Current Protection</b>	None
<b>Switch</b>	No
<b>Scrolling / Rotatable Digital Display</b>	Yes
<b>Indicators - LED(s)</b>	6
<b>Power Cable Wire Gauge</b>	12/3
<b>Power Cable Length</b>	10ft / 3m
<b>Power Entry Location</b>	Left Rear
<b>Plug Type</b>	(2) NEMA 5-20P
<b>Receptacle/Socket Type #1</b>	NEMA 5-20R
<b>- Quantity on Rear</b>	6
<b>- Style</b>	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>	RoHS Compliant
<b>Certification/Agency Approvals</b>	FCC Part 15 Class A Conformance
<b>Certification/Agency Approvals</b>	UL & c-UL Listed 62368-1

<b>Chassis Dimensions (HxWxD)</b>	1.72in x 17in x 18in / 44mm x 432mm x 457mm
<b>Shipped Weight</b>	12lbs (5.44kg)