

## 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 outlet-level power monitoring options offer quick access to critical power usage information down to the device level 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 #: VA7N2100

**Model Number:** ANU3E1R5-06S203-2ST5ST5A011-D

**Category:** Rack Transfer Switch

**Sub Category:** Switched Outlet Level Monitoring

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

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

### Product Summary:

rPDU, Rack Transfer Switch Switched Outlet Level Monitoring, 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 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 and Outlet power monitoring with Outlet switching. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.

|  |  |
|--|--|
| <b>Input Monitoring</b>                      | 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 |
| <b>Outlet Monitoring</b>                     | 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.   |
| <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)  |