

## 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 #: VA4U31A0

**Model Number:** AU05M1R0-11PS63-3PS6PS6B411-D

**Category:** Rack Transfer Switch

**Sub Category:** Monitored Unit Level

**Power Configuration:** 30/32A, 200-240V, 7.3kW

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

### Product Summary:

rPDU, Rack Transfer Switch Monitored Unit Level, 30/32A, 200-240V, 7.3kW, Horizontal, (1) IEC 2P+E, 10ft / 3m power cords with 1P+N+E (IP44), Black Powder Coat.

### Monitoring:

Input power monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display.

### Plug Form:



1P+N+E (IP44)

### Receptacle:



IEC 2P+E  
(Quantity: 1)

### 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)<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                                                                                                                                                |
| Quantity Of Inputs                      | 2 (Dual Input)                                                                                                                                     |
| Voltage                                 | 200-240V                                                                                                                                           |
| Current                                 | 30/32A                                                                                                                                             |
| VA per Input (Load Capacity)            | 7.3kW (230V)                                                                                                                                       |
| Frequency                               | 50/60Hz                                                                                                                                            |
| LCD Touchscreen Display / Auto Oriented | Yes                                                                                                                                                |
| Power Cable Wire Gauge                  | 4mm <sup>2</sup> H07RN-F                                                                                                                           |
| Power Cable Length                      | 10ft / 3m                                                                                                                                          |
| Plug Type                               | (2) IEC60309 1P + N + E, 30/32A, 250V Connector, Splashproof IP44                                                                                  |
| Receptacle/Socket Type #1               | IEC60309 2P + E, 30/32A, 250V Connector                                                                                                            |
| - Quantity on Face                      | 1 - Cord Attached                                                                                                                                  |
| - Style                                 | Individual - Cord Attached                                                                                                                         |
| - Voltage per Receptacle/Socket         | 208-240V                                                                                                                                           |
| Internal RMS Voltage Sensor             | Yes                                                                                                                                                |
| Internal RMS Current Sensor             | Yes                                                                                                                                                |
| 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     | CE Marked                                                                                                 |
| Certification/Agency Approvals     | UKCA Marked                                                                                               |
| Certification/Agency Approvals     | Complies with IEC 62368-1 (DOC Available)                                                                 |
| Certification/Agency Approvals     | Complies with EN 55032 and EN 55035                                                                       |
| Certification/Agency Approvals     | RoHS Compliant                                                                                            |
| Certification/Agency Approvals     | FCC Part 15 Class A Conformance                                                                           |
| Certification/Agency Approvals     | RCM Mark (EMC Only)                                                                                       |
| 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)                                                                                            |