

## 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.
- Standard three-year warranty, upgraded to a five-year warranty with product registration.



## Part #: VA6U21A0

**Model Number:** AUR5M1R5-06CF17-2C20C20A900-D

**Category:** Rack Transfer Switch

**Sub Category:** Monitored Outlet Level

**Power Configuration:** 16A or 20A, 120V or 208V or 230V, 1.9kW or 3.3kW or 3.6kW

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

### Product Summary:

rPDU, Rack Transfer Switch Monitored Outlet Level, 16A OR 20A, 120V or 208V or 230V, 1.9kW or 3.3kW or 3.6kW, Horizontal, (6) Combination C13/C19, C20, Black Powder Coat.

### Monitoring:

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

### Plug Form:



C20

### Receptacle:



Combination C13/C19  
(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. 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             |
| Outlet Monitoring                       | 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.               |
| 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                                 | 100-240V                                                                                                                                                       |
| Current                                 | 16A or 20A                                                                                                                                                     |
| VA per Input (Load Capacity)            | 1.9kW (120V), 3.3kW (208V), 3.6kW (230V)                                                                                                                       |
| Frequency                               | 50/60Hz                                                                                                                                                        |
| Over Current Protection                 | None                                                                                                                                                           |
| Switch                                  | No                                                                                                                                                             |
| LCD Touchscreen Display / Auto Oriented | Yes                                                                                                                                                            |
| Indicators - LED(s)                     | 6                                                                                                                                                              |
| Power Entry Location                    | Left Rear                                                                                                                                                      |
| Plug Type                               | (2) IEC60320 C20 Power Inlet (cords sold separately)                                                                                                           |
| Receptacle/Socket Type #1               | Combination C13/C19                                                                                                                                            |
| - Quantity on Rear                      | 6                                                                                                                                                              |
| - Circuit Color ID                      | 1 Circuit = Orange                                                                                                                                             |
| - Style                                 | Banks of 6                                                                                                                                                     |
| - Voltage per Receptacle/Socket         | 100-240V                                                                                                                                                       |
| 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 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     | China RoHS                                                                                                |
| 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)                                                                                            |