

## 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 #: VA6G8100

**Model Number:** AGR3E1R5-06CF13-2PS6PS6B211-D

**Category:** Rack Transfer Switch

**Sub Category:** Monitored Outlet Level

**Power Configuration:** 16A, 230V, 3.6kW

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

### Product Summary:

rPDU, Rack Transfer Switch Monitored Outlet Level, 16A, 230V, 3.6kW, Horizontal, (6) Combination C13/C19, 10ft / 3m power cord with 1P+N+E (IP44), 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:



1P+N+E (IP44)

### Receptacle:



Combination C13/C19  
(Quantity: 6)

### Chassis Color Options:



## Product Specification and Options

### System Features

<b>Monitoring</b>	Input and Outlet power monitoring. 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)  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)  Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements.
<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>	200-240V
<b>Current</b>	16A
<b>VA per Input (Load Capacity)</b>	3.6kW (230V)
<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>	2.5mm <sup>2</sup> H07RN-F
<b>Power Cable Length</b>	10ft / 3m
<b>Power Entry Location</b>	Left Rear
<b>Plug Type</b>	IEC60309 1P + N + E, 16A, 250V, Splashproof IP44
<b>Receptacle/Socket Type #1</b>	Combination C13/C19
<b>- Quantity on Rear</b>	6
<b>- Circuit Color ID</b>	1 Circuit = Orange
<b>- Style</b>	Banks of 6
<b>- Voltage per Receptacle/Socket</b>	230V
<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>	CE Marked
<b>Certification/Agency Approvals</b>	UKCA Marked
<b>Certification/Agency Approvals</b>	Complies with IEC 62368-1 (DOC Available)
<b>Certification/Agency Approvals</b>	Complies with EN 55032 and EN 55035
<b>Certification/Agency Approvals</b>	RoHS Compliant
<b>Certification/Agency Approvals</b>	C <sub>ρ</sub> Mark
<b>Chassis Dimensions (HxWxD)</b>	1.72in x 17in x 18in / 44mm x 432mm x 457mm
<b>Shipped Weight</b>	12lbs (5.44kg)