

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-syncronization 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 selfconfiguration of downstream devices.





Part #: VA7G8100

Model Number: AGU3E1R5-06CF13-2PS6PS6B211-D

Category: Rack Transfer Switch

Sub Category: Switched Outlet Level Monitoring

Power Configuration: 16A, 230V, 3.6kW

Physical Configuration: 19in / 483mm, Horizontal

Product Summary: rPDU, Rack Transfer Switch Switched Outlet Level Monitoring, 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: Receptacle:



1P+N+E (IP44)





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 displity LED	System Features	
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) Power Measurements Compliant with ANSI C12.1 and IEC 62053- 21 at 1% Accuracy Class Requirements. Remote Power Management Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up 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 200-240V Current 16A VA per Input (Load Capacity) 50/60Hz Over Current Protection None Switch No Scrolling / Rotatable Digital Display Yes Indicators - LED(s) 6 Power Cable Wire Gauge 2.5mmÅ* HO7RN-F Power Cable Length 10ft / 3m Power Entry Location Left Rear Plug Type IEC60309 IP + N + E, 16A, 250V, Splashproof IP44 Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Rear - Circuit Color ID 1 Circuit = Orange - Style - Voltage per Receptacle/Socket 230V Network Connection Dual 10/100/1000Mbps Ethernet Protocols Supported DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNH,	Monitoring	via optional remote sensors. Daisy chain Ethernet connectivity.
Outlet Monitoring Outlet Monitoring (kWh, W, VA, PF, V, A) Power Measurements Compliant with ANSI C12.1 and IEC 62053- 21 at 1% Accuracy Class Requirements. Remote Power Management Individual Outlet switching with Optional User Defined Time Delays and Sequential Power-up 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 200-240V Current 16A VA per Input (Load Capacity) 3.6kW (230V) Frequency 50/60Hz Over Current Protection None Switch No Scrolling / Rotatable Digital Display Yes Indicators - LED(s) 6 Power Cable Wire Gauge 2.5mmÅ* H07RN-F Power Cable Length 10ft / 3m Power Entry Location Left Rear Plug Type IEC60309 1P + N + E, 16A, 250V, Splashproof IP44 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 230V Network Connection Dual 10ft/) NMTP, SNMP (V1/V2c/V3), Syslog, TACACS+, Modbus TCP	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. Remote Power Management Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up 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 200-240V Current 16A VA per Input (Load Capacity) 3.6kW (230V) Frequency 50/60Hz Over Current Protection None Switch No Scrolling / Rotatable Digital Display Yes Indicators - LED(s) 6 Power Cable Wire Gauge 2.5mmŲ H07RN-F Power Cable Length 10ft / 3m Power Entry Location Left Rear Plug Type IEC60309 1P + N + E, 16A, 250V, Splashproof IP44 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 230V 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		· · · · · · · · · · · · · · · · · · ·
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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 200-240V Current 16A VA per Input (Load Capacity) 3.6kW (230V) Frequency 50/60Hz Over Current Protection None Switch No Scrolling / Rotatable Digital Display Yes Indicators - LED(s) 6 Power Cable Wire Gauge 2.5mmŲ H07RN-F Power Cable Length 10ft / 3m Power Entry Location Left Rear Plug Type IEC60309 1P + N + E, 16A, 250V, Splashproof IP44 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 230V Network Connection Ducl 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		·
Transfer Time <4-8ms	Remote Power Management	
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Front Panel HMI LED Overlay Rear Panel LED Overlay Yes Quantity Of Inputs 2 (Dual Input) Voltage 200-240V Current 16A VA per Input (Load Capacity) 50/60Hz Over Current Protection None Switch No Scrolling / Rotatable Digital Display Indicators - LED(s) 6 Power Cable Wire Gauge 2.5mmŲ H07RN-F Power Cable Length 10ft / 3m Power Entry Location Left Rear Plug Type IEC60309 1P + N + E, 16A, 250V, Splashproof IP44 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 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	Transfer Time	<4-8ms
Rear Panel LED Overlay Yes Quantity Of Inputs 2 (Dual Input) Voltage 200-240V Current 16A VA per Input (Load Capacity) 3.6kW (230V) Frequency 50/60Hz Over Current Protection None Switch No Scrolling / Rotatable Digital Display Yes Indicators - LED(s) 6 Power Cable Wire Gauge 2.5mmŲ H07RN-F Power Cable Length 10ft / 3m Power Entry Location Left Rear Plug Type IEC60309 1P + N + E, 16A, 250V, Splashproof IP44 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 230V 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	Out of Phase Transfers	Yes
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Over Current Protection None Switch No Scrolling / Rotatable Digital Display Yes Indicators - LED(s) 6 Power Cable Wire Gauge 2.5mmŲ H07RN-F Power Cable Length 10ft / 3m Power Entry Location Left Rear Plug Type IEC60309 1P + N + E, 16A, 250V, Splashproof IP44 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 230V 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	VA per Input (Load Capacity)	3.6kW (230V)
Switch Scrolling / Rotatable Digital Display Yes Indicators - LED(s) 6 Power Cable Wire Gauge 2.5mmŲ H07RN-F Power Cable Length 10ft / 3m Power Entry Location Left Rear Plug Type IEC60309 1P + N + E, 16A, 250V, Splashproof IP44 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 230V 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	Frequency	50/60Hz
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Power Cable Wire Gauge 2.5mmŲ H07RN-F Power Cable Length 10ft / 3m Power Entry Location Left Rear Plug Type IEC60309 1P + N + E, 16A, 250V, Splashproof IP44 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 230V 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	Scrolling / Rotatable Digital Display	Yes
Power Cable Length 10ft / 3m Power Entry Location Left Rear Plug Type IEC60309 1P + N + E, 16A, 250V, Splashproof IP44 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 230V 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	Indicators - LED(s)	6
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Plug Type IEC60309 1P + N + E, 16A, 250V, Splashproof IP44 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 230V 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	Power Cable Length	10ft / 3m
Receptacle/Socket Type #1 - Quantity on Rear - Circuit Color ID - Circuit = Orange - Style - Banks of 6 - Voltage per Receptacle/Socket 230V 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	Power Entry Location	Left Rear
- Quantity on Rear 6 - Circuit Color ID 1 Circuit = Orange - Style Banks of 6 - Voltage per Receptacle/Socket 230V 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	Plug Type	IEC60309 1P + N + E, 16A, 250V, Splashproof IP44
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- Style Banks of 6 - Voltage per Receptacle/Socket 230V 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	- Quantity on Rear	6
- Voltage per Receptacle/Socket 230V 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	- Circuit Color ID	1 Circuit = Orange
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	- Style	Banks of 6
Protocols Supported DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP	- Voltage per Receptacle/Socket	230V
SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP	Network Connection	Dual 10/100/1000Mbps Ethernet
Data Access Formats CSV datalog, JSON API, JSON datalog	Protocols Supported	
	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	C م Mark
Chassis Dimensions (HxWxD)	1.72in x 17in x 18in / 44mm x 432mm x 457mm
Shipped Weight	12lbs (5.44kg)