

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 #: VA4G31A0

Model Number: AG05M1R1-12CF13-3PS6PS6B211-D

Category: Rack Transfer Switch

Sub Category: Monitored Unit Level

Power Configuration: 32A, 230V, 7.3kW

Physical Configuration: 19in / 483mm, Horizontal

Product Summary:

rPDU, Rack Transfer Switch Monitored Unit Level, 32A, 230V, 7.3kW, Horizontal, (12) Combination C13/C19, 10ft / 3m power cords with 1P+N+E (IP44), Black Powder Coat.

Monitoring:

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

Plug Form:



1P+N+E (IP44)

Receptacle:



Combination C13/C19
(Quantity: 12)

Chassis Color Options:



To discuss color options, contact your local sales representative.

Product Specification and Options

System Features

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|---|---|
| Monitoring | Input power monitoring with breaker level current 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) |
| Monitoring Level 2 | Circuit/Breaker Monitoring (A) Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy |
| 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 | 32A |
| VA per Input (Load Capacity) | 7.3kW (230V) |
| Frequency | 50/60Hz |
| Over Current Protection | (2) 16A Single Pole Magnetic Breakers (10kAIC Rated) |
| Switch | Breaker/Switch Combination |
| LCD Touchscreen Display / Auto Oriented | Yes |
| Power Cable Wire Gauge | 4mm ² H07RN-F |
| Power Cable Length | 10ft / 3m |
| Power Entry Location | Left Rear |
| Plug Type | (2) IEC60309 1P + N + E, 32A, 250V Connector, Splashproof IP44 |
| Receptacle/Socket Type #1 | Combination C13/C19 |
| - Quantity on Rear | 12 |
| - Quantity per Breaker | 6 |
| - Circuit Color ID | 2 Circuit = Orange, Green |
| - 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 |
| 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 |

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|------------------------------------|---|
| 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 |
| 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 | RCM Mark (EMC Only) |
| Certification/Agency Approvals | C _P Mark |
| Chassis Dimensions (HxWxD) | 1.72in x 17in x 18in / 44mm x 432mm x 457mm |
| Shipped Weight | 19lbs (8.62kg) |