

RSS Series

Optimal Solution for Disaster Recovery,
Call Centers, Network Operations,
Data Centers and More!

Easiest Way to Minimize Downtime

Minimize downtime to keep your critical systems running and your customers happy. The RSS (Redundancy Switching System) is a customizable physical layer switching system that will provide you with reliable switchover of communication circuits for line protection and equipment redundancy applications.

With the RSS Series, you can rely on communications even when power is removed or control connections are down. This system is comprised of an array of components that can be mixed and matched to meet your specific needs.

We offer a variety of control options to facilitate designs of reliable redundancy solutions. Each control card can be installed in either the **RSS-16** or **RSS-3** to provide either individual or gang control.

Top Features:

Multiple Control Options

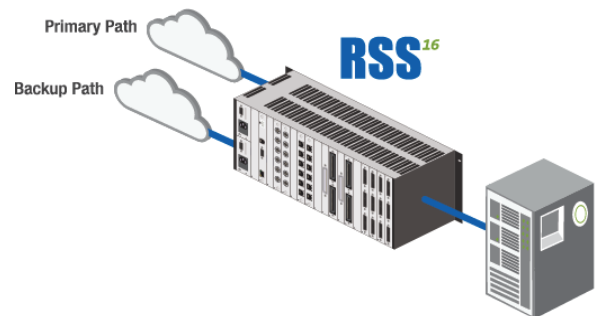
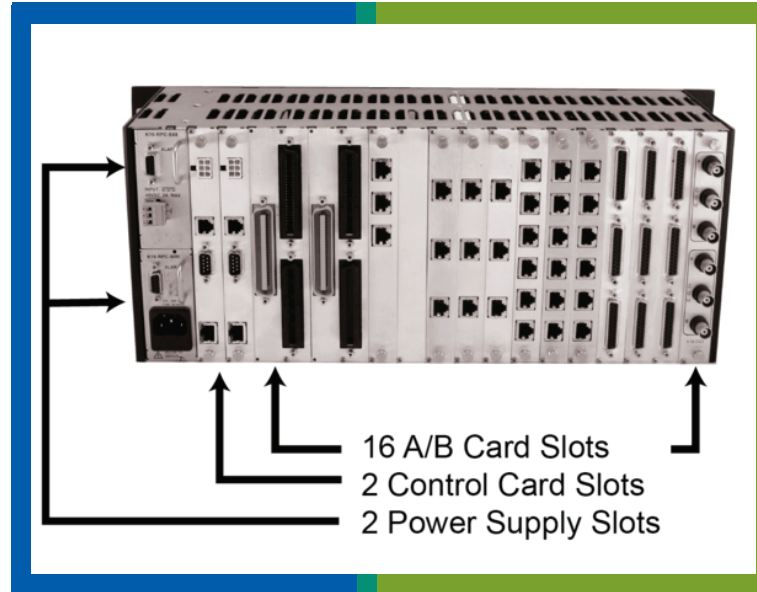
- IPC-16:** Individual Control Card with IP and Serial Interfaces
- IPC-1:** Gang Control Card with IP Interface
- IOC-16:** Individual Control Card with GPIO (Contact Closure) Interface
- IOC-3:** Gang and 3x Individual Control Card with GPIO Interface

A/B Switch Cards

- AB-D9-R** - 9 Pin D'Subminiature
- AB-D15-R** - 15 Pin D'Subminiature
- AB-D25-R** - 25 Pin D'Subminiature
- AB-2RJ8-R** - Dual 8 Wire Miniature Jack (10/100/1000)
- AB-2BNC-R** - Dual BNC/DS-3 AB Card
- AB-T50-R** - 50 Pin Telco (Amphenol, RJ21X)
- AB-M34-R** - V.35 with M34 Winchester Connectors

Power Supply Options

- PS-RSS-WRI** | AC Power Module - 100-240 VAC Power Supply
- PS-RSS-48** | 48VDC Power Module - 48 VDC Power Supply
- PS-WRI-4** | External AC Power - 100-240 VAC Power Supply



dataprobe RSS
Location ID: Network_Ops (10.10.10.70)

Switch Control: A B

Card Select: All None

Gang Control: Gang A Gang B

System: Refresh Logout

Power: PS1 OFF PS2 ON

Slot	Select	Status	Name
1	<input type="checkbox"/>	A	NewYork
2	<input type="checkbox"/>	A	Boston
3	<input type="checkbox"/>	A	Providence
4	<input type="checkbox"/>	A	Philadelphia
5	<input type="checkbox"/>	B	Baltimore
6	<input type="checkbox"/>	A	WDC_East
7	<input type="checkbox"/>	A	WDC_West
8	<input type="checkbox"/>	A	Atlanta
9	<input type="checkbox"/>	B	Miami
10	<input type="checkbox"/>	A	Seattle
11	<input type="checkbox"/>	B	Portland
12	<input type="checkbox"/>	A	San_Francisco
13	<input type="checkbox"/>	B	Phoenix
14	<input type="checkbox"/>	Disabled	Houston
15	<input type="checkbox"/>	Disabled	Chicago
16	<input type="checkbox"/>	Disabled	Pittsburgh

Help Manual
Dataprobe PC-16-R v1.00.067

Additional Features

Power Connectors

Power Connectors for External 24VDC Redundant Supply. Includes Redundant Control Card Option

Switching Options

Automatic Protection Switches: Serial Fallback Switches, Computer Telephony Redundancy, IP Controlled Switching, High Availability Networks & Fail-Soft Operation

Remote Controlled A/B Switches: Hot Standby Configurations, Redundant Circuit Switching, Web Browser Controlled, SNMP Managed & Layer 1 Protection Switches

Component Configurations

RSS-16: 16 A/B Card Slots, 2 Control Card Slots & 2 Power Supply Slots

RSS-3: 3 A/B Card Slots, 1 Control Card Slot & 1 Power Supply Slot

LED Indicators

2 LED indicators for switch position. Manual Override Switch and Latching Relays. Switch maintains position in power or control failure

Specifications

Subject to Change Without Notice

System Environment:

Temperature: Operating 0 to 65 Deg. C | Storage -10 to 85 Deg. C

Relative Humidity: 0 to 95% Non-Condensing

Power Supplies:

PS-RSS-WRI: Nominal - 120/240 VAC 50/60 Hz | Range: 100 - 240 VAC

Capacity: 50 Watts | Fusing: 2 A

PS-RSS-48: Nominal - 48 VDC | Range: 42 - 60 VDC

Capacity: 75 Watts | Fusing: 2.5 A

PS-WRI-4: Nominal - 120/240 VAC 50/60 Hz | Range: 100 - 240 VAC

Capacity: 50 Watts | Fusing: 2 A

Chassis Options

RSS-16 4U 20 Slot Card Nest	Physical	19" W x 7.00" H x 7" D Weight: 11.5 Lbs (w/o cards)
	Capacity	A/B Switch Card Slots: 16 Control Card Slots: 2 Power Supply Slots: 2
RSS-3 1U 5 Slot Card Nest	Physical	19" W x 1.75" H x 7" D Weight: 5.5 Lbs (w/o cards)
	Capacity	A/B Switch Card Slots: 3 Control Card Slots: 1 Power Supply Slots: 1

A/B Switch Cards

A/B Switch Cards	Physical	Width: One A/B Slot in RSS-3 or RSS-16 Height: 7" Depth: 6" Weight: .5 lbs.
	Additional Features	2 LED Indicators for switch position Manual Override Switch Latching Relays. Switch maintains position in power or control failure.
<p>AB-D9-R 9 Pin D'Subminiature, Female connectors. All 9 Pins switched.</p> <p>AB-D15-R 15 Pin D'Subminiature, Female connectors. All 15 Pins switched.</p> <p>AB-D25-R 25 Pin D'Subminiature, Female. All 25 pins switched. Jumper options for frame and signal ground, switched or unswitched.</p> <p>AB-2RJ8-R Dual 8 Wire Modular Jack. Dual A/B switch card for all applications that use 8 Wire Modular Jack. Ethernet switching 10/100/1000. Both switches on this card switch simultaneously.</p> <p>AB-2BNC-R Dual BNC, Female connectors. Up to 45Mhz for E-1, DS-3 Applications. Both switches on this card switch simultaneously.</p> <p>AB-T50-R 50 Pin Telco (Amphenol), A/B connectors, Female. Common, Male. Requires two card slots.</p> <p>AB-M34-R 34 Pin M Connectors for V.35 Applications. Requires two A/B Card slots.</p> <p>19 Leads Supported: A B C D E F H J K L P R S T U V W X Y AA BB</p>		

For More Information

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