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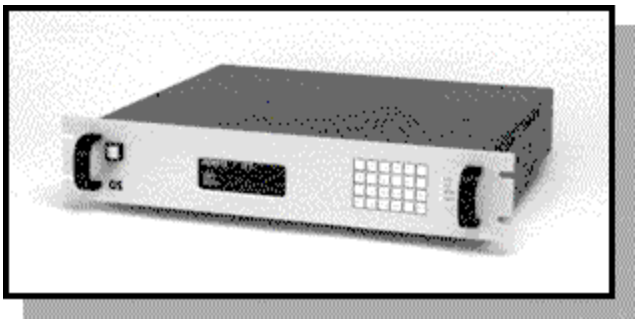
PSG-2003A

USmod Mainframes

USmod Family:
Model S400R-xxx, Four Slot Mainframe Chassis
Serial & Front Panel Control

The S400R-xxx chassis mainframe delivers a compact, light-weight and rugged solution for many rack mount switching requirements. It is only 2RU high (3.47") and yet provides four slots for the installation of any modules from the USmod Family of modules. This mainframe version features front panel controls and a serial control port (RS-232C/422A). USmod modules install into the rear of the S400R and are secured with captive fasteners providing all signal connections for the user on the rear for easy cabling access. A similar version is available without front panel controls (S400RX-xxx). If you need a version with a GPIB (IEEE-488) interface port, see the S400I-xxx mainframe.

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Front of the S400R-xxx four slot mainframe.

Main Features

- Compact size (2RU)
- High reliability and quality
- High contrast 4x20 VF display
- Very rugged modular construction
- Advanced control and status features
- Intelligently LED illuminated controls
- Lithium-backed RAM stores over 200 configurations

Power Supply Configurations

The S400R-xxx includes high quality AC/DC power supplies. The suffix number of the unit determines the power supply configuration included when delivered. The table below illustrates the standard suffix numbers available. Since we manufacture many different types of USmod modules for various applications, the switching technology incorporated within these modules varies to provide the best performance possible for the user. However, most modules

utilize the -100, -200 or -600 versions. Redundant power supply versions are available.

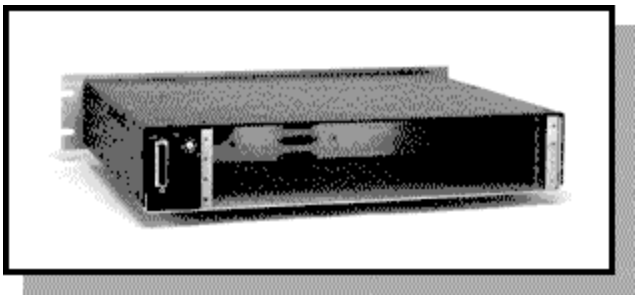
Suffix Number	Power Supplies
-100 *	+5V, +15V, -15V
-200 *	+5V, +5V, -5V
-300	+5V, +12V, -12V
-400	+5V, +24V
-500	+5V, +12V
-600 *	+5V, +15V
-800	+5V, +5V

* Most popular types

NOTE: A module with the -600 designation may be installed into a -100 mainframe.

Example Model Number: *S400R-100*

- The above number specifies the S400R mainframe with the -100 power supply configuration (see table above). It includes a serial control port on the rear of the unit (both RS-232C and RS-322A are included), 4 slot module bay, plus front panel control and display. Wide range power supplies are standard.



Rear of the S400R-xxx four slot mainframe.

System Configurations

- Multiple modules can be installed into the S400R-xxx mainframe to create an overall configuration. A unique "system" model number is assigned at the factory to specify a unique "grouping" of modules and assemblies. This single model number eases ordering procedures for customers and is specific. Factory configured systems include a comprehensive Operating and Programming Manual and system testing at no additional charge.

General Specifications

Number of module slots	4
Remote interface	RS-232C and RS-422A
Remote formats	Baud rate and other parameters are selectable from front panel menu system
Control formats	US1and US2 (ASCII)
Front panel control/status	4x20 Vacuum fluorescent display LED illuminated control keypad

	LED illuminated AC power switch Status LED's
AC power requirements	90 to 264VAC 47-440Hz 75 watts MAX
Physical size	3.47"H x 19.00"W x 14.50"D
Rack size	2RU high
Weight	14 lbs
Operating temp	0 to +60C
Non-operating temp	-30C to +85C
Humidity	0 to 95% (non-condensing @ +25C)
MTBF	>75,000 hours

NOTE: *Universal Switching Corporation's policy is one of continuous product development and improvement. Consequently, the company reserves the right to vary from the descriptions and specifications stated herein.*

Additional Information

If you require additional information quickly, please fill out our simple request form.	To see some applications that our products are used for, please view our applications section.
For the latest, see the section on our new products, press releases and WEB site changes.	To view the variety of our products, see our System Photo Gallery.

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