Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

GSA Schedule
Contract GS-35F-0286V

SPECIFICATIONS
Switch Modules.... MODEL 7006 (Cat. No. 305965)
Rack w/ Power... MODEL 9030 (Cat. No. 305945)

Model 7006 Remotely Controllable Cat 5 RJ45 A/B/Offline Switch Module

- **Easy expansion of switch system by adding modules as needed.**
- **10/100 Base-T, Cat 5 Compliant**

INTRODUCTION

Remotely Controllable Cat 5 RJ45 A/B/Offline Switch Modules can be controlled locally or from a remote location. A pushbutton switch on the front panel of each module allows the user to locally control the switch function. An RS232 CONTROL port on each module facilitates remote switching.

A computer or terminal device connected to the CONTROL port can activate the remote mode of operation. When the proper instructions are received, the unit will switch the prescribed port to either A, B, or **secure Offline.**
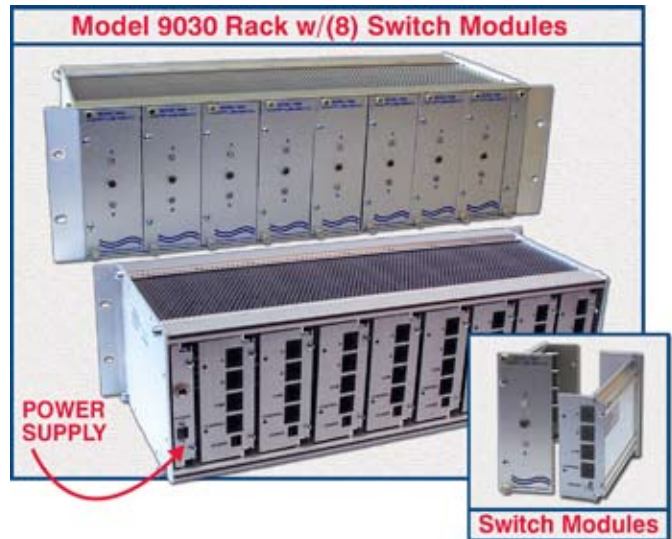
Features of Model 7006 Switches

- Each module allows access to two Cat 5 RJ45 networks from one COMMON network or device.
- Switches all 8 pins of the RJ45 interface.
- Eliminates the need to plug and unplug cables.
- Transparent to data speed and format.
- Rated for 10/100 Base-T networks (up to Cat 5).
- Local control via front-panel pushbutton.
- Remote control port allows off-site monitoring and switch management.
- Secure Off-Line switch position.
- The REMOTE port accepts RS232 Serial data ASCII commands for switch position control and monitoring.
- Front panel tri-state LED's display switch position and power status.
- Retains last switch position in the event of power loss and continues to pass data.
- Rugged aluminum case provides EMI/RFI shielding.
- These modular rackmount switches are designed to be mounted in a Model 9030 rack.
- Custom length data cables available for your switch installation.

Features of Model 9030 Rack with Power Supply and Cabling:

- Model 9030 Rack includes a power distribution module, a wall mount power supply which provides power to all the switches in the rack, and power bus cable which distributes power to all eight modules.
- Rack Size: 19" W x 5.25" H x 7" D. (48.3 x 13.3 x 17.8 cm)
- The Model 9030 Rack can accommodate up to eight switch modules.
- Filler panels are available to cover unused module slots.
- 2" filler panel: Catalog No. 305983.
- ★ **Municipalities, schools, government: These products are on GSA Schedule!**

Model 9030 Rack w/(8) Switch Modules
POWER SUPPLY
Switch Modules

SPECIFICATIONS for Model 7006 Switches

PORT CONNECTORS: (3) RJ45 female connectors labeled A, B and COMMON.

FRONT PANEL CONTROL: (1) Manual pushbutton allows local switching.

DISPLAY: (2) High intensity front panel LED's display switch position and power status.

REMOTE CONTROL: (1) RJ45 female connector on rear panel accepts ASCII RS232 Serial Data for Remote Control operation.

POWER: Requires 12 VAC, 0.5A (usually supplied by the power module included in a Model 9030 Module Rack.

DIMENSIONS: Module 2.0" W x 5.0" H x 7.0" D. (5.1 x 12.7 x 17.8 cm).

WEIGHT: Approximately 0.6 lbs. (0.3 Kg)

Model 7006 Switch Function