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)

PathWay® Model 7006 RJ45 Cat5 A/B/OFFLINE Switch Modules with RS232 Remote Port

- **10/100Base-T, Cat5 Compliant, Modular Expandable System!**
- **Absolutely NO data passes through the switch when in the OFFLINE position!**
- **The ultimate FIREWALL!**

INTRODUCTION

The PathWay® Model 7006 Single Channel RJ45 Cat5 A/B/Offline Switch Module with RS232 Remote allows the user the capability of accessing two separate devices, ports A and B, via connection through a device connected to the Common port. The Model 7006 is an open frame module designed to be installed in the Model 9030 Rack.

The switch may be controlled locally by manually operating the front panel pushbutton or remotely from the RJ45 serial interface Remote port located on the rear of the unit. Switch position state may be attained by the front panel LED's or the RJ45 serial Remote port.
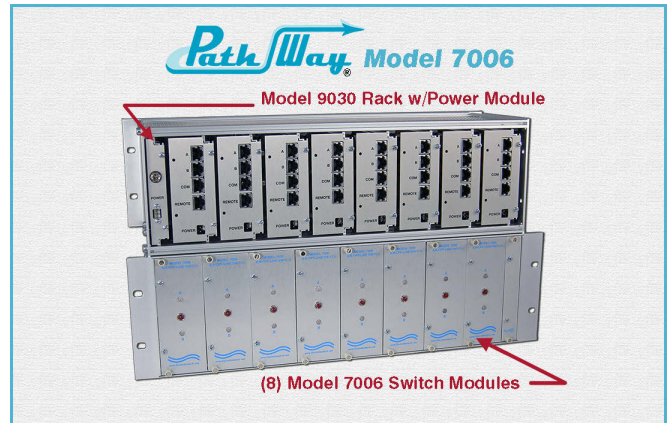
The Model 9030 Rack with Power Module accommodates up to 8 Model 7006. The Model 9030 holds the Model 7006 modules and provides power to all modules with the included power bus cable. The Model 9030 is a 3U, full rack size chassis designed to fit in a standard 19" rack.

Features of Model 7006 Switches

- Each module allows access to two Cat5 RJ45 networks from one COMMON network or device.
- The switch ports are transparent to all data.
- All (8) pins of the RJ45 interface are switched via break-before-make electromechanical relays.
- The unit maintains last set position on power loss and continues to pass data.
- Front panel pushbutton control.
- Remote RS232 ASCII commands that allow the user to control switch position, lockout front panel operations and obtain switch status.
- Front panel LED's display present position and power status.
- **Certified for Cat5 compliance.**
- The Model 7006 is a modular, rack-mount switch and is sold in conjunction with the Model 9030 Rack.

Features of Model 9030 Rack with Power Supply and Cabling:

- The Model 9030 Rack can accommodate up to eight Model 7006 modules.
- Model 9030 Rack includes a power supply module, which is responsible for powering all the switches in the rack. A power bus cable (included) distributes the power among the modules mounted in a Model 9030 rack.
- Filler panels are available to cover unused module slots.
- 2" filler panel: Catalog No. 305983.
- ★ **Municipalities, schools, government: These products are on GSA Schedule!**

PathWay® Model 7006
Model 9030 Rack w/Power Module
(8) Model 7006 Switch Modules

SPECIFICATIONS: Each Model 7006 Switch Module

PORT CONNECTORS: (3) RJ45 female connectors on rear panel labeled A, B, and COM.
CONTROL: (1) Pushbutton on front panel selects A, B, or Off-Line.
DISPLAY: (2) High intensity front panel LED's display switch position and power status.
REMOTE: (1) RJ45 female connector on rear panel accepts ASCII RS232 Serial Data for Remote Control operation.
POWER: Requires 12 VDC, 0.5A (usually supplied by the power module included in a Model 9030 Module Rack..
MODULE SIZE: 2" W x 5" H x 7" D. (5.1 x 12.7 x 17.8 cm)
WEIGHT: 0.6.lbs. (0.3 kg)

SPECIFICATIONS: Model 9030 Rack w/Power

RACK SIZE: 19" W x 5.25" H x 6.91" D. (48.3 x 13.3 x 17.6 cm)
WEIGHT: 3.5.lbs. (1.6 kg)
POWER: (Cat No 523520) UL approved 100VAC-240VAC, 50Hz-60Hz wall mount power module supplies 12VDC, 500mA to the unit. Has 2-prong, US, non-polarized plug.
OPTION Wide Range Power Module: (Cat No 514296) **CE, RoHS, and UL** listed table mount power module 100VAC-240VAC, 50Hz-60Hz in place of standard power module. Has IEC 60320 C14 inlet. **Ideal for international applications.**

PathWay® Model 7006 RJ45 Cat5 A/B/OFFLINE Switch Modules Application w/RS232 Remote Port

MODEL 7006
RJ45 — A — Device/Line A — Cat5
COM — RJ45 — B — Device/Line B — Cat5
COMMON Device/Line — RJ45 — Cat5
OFF-LINE — Secure Mode
RS232 ASCII Serial Remote Device — RJ45
REMOTE
POWER — 2-Pin
TO OTHER MODULES IN THE MODEL 9030 RACK
DAISY CHAIN CABLE (Cat. No.981807)
POWER & CONTROL FROM MODEL 9030 POWER/CONTROL MODULE