

## **Model 7251 Tri-Channel RJ45 A/B Switch, with RS232 Remote**

### INTRODUCTION

The PathWay® Model 7251 Tri-Channel RJ45 A/B Switch with RS232 Remote allows the user the capability of accessing two separate devices, ports A & B, via connection through a device connected to the Common port for each of the switch's three channels with remote functionality. The Model 7251 is enclosed in a 1U, full rack size, all metal black chassis designed to provide EMI/RFI shielding and fit in a standard 19" rack.

The switch may be controlled manually via front panel pushbuttons or remotely from an RS232 serial port located on the rear of the unit.

Switch position states may be attained via the front panel LED displays or the Remote Control RS232 serial port.

### FEATURES:

- Each channel allows access to two RJ45 networks from one COMMON network or device.
  - The switch ports are transparent to all data.
  - All pins (8) 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.
  - Simultaneous control of all channels.
  - Front panel LED's display the present position and power status.
  - Attractive all metal black box packaging provides EMI/RFI shielding.
  - Custom length RJ45 cables available for your switch installation.
- ★ **Municipalities, schools, government: This product is on GSA Schedule!**

### **Model 7251**



### SPECIFICATIONS:

**PORT CONNECTORS:** (9) RJ45(F) connectors total (A, B, and COMMON for each of three channels).

**FRONT PANEL CONTROLS:** (1) Pushbutton allows local switching of all three channel simultaneously.

**DISPLAY:** (2) Front panel LED's display switch position and power status.

**REMOTE PORT:** (1) DB9 female connector on rear panel accepts RS232 Serial Data for Remote Control operation.

**POWER:** UL approved wall mount 100VAC/240VAC, 50Hz/60Hz power module supplies 12 VDC, 500 mA to the unit. Has 2-prong, US, non-polarized plug.

**DIMENSIONS:** Rackmount configuration 19" W x 1.75" H x 8.24" D. (48.3 x 4.4 x 21.0 cm).

**WEIGHT:** Approximately 4.3 lbs. (2.0 kg)

### WIDE RANGE POWER OPTION AVAILABLE:

(Cat No 517277) **CE, RoHS, and UL** listed table mount power module, 100VAC-240VAC, 50Hz-60Hz for use in place of standard power module that is included with the unit. Has IEC 60320 C14 inlet. **Ideal for international applications.**

### USB to DB9 Serial Converter Cable Available!

If only USB ports are available on the computer or if a USB port is chosen to be used for any reason, a USB to DB9 serial converter cable will be needed. This cable can be provided by ESL under part number 528693.

### PathWay® Model 7251 RJ45 A/B Switch Application with RS232 Remote Control

