



**Electro Standards Laboratories**  
ADVANCED SYSTEMS DESIGN & SERVICES

**SPECIFICATIONS**  
**Model 7312**  
(Cat. No. 307312)

# PathWay® Model 7312 Single Channel RS232/RS530 A/B Switch with Contact Closure Remote

## INTRODUCTION

The PathWay® Model 7312 Single Channel RS232/RS530 A/B Switch allows the user the capability of sharing a single DB25 interface device, connected to the Common port, among two other devices, connected to the "A" and "B" ports. Pins 2, 4-5, 9-16, and 18-25 are switched. Pins 1, 3, 6, 7, 8, and 17 are bussed through. The Model The Model 7312 is packaged in a slim desktop style enclosure.

The switch may be controlled locally by manually operating the front panel pushbutton or remotely from the DB15 Control port located on the rear of the unit. The front panel LED display indicates the switch position and unit power status.

## FEATURES:

- Allows quick connection to any one of two devices from one COMMON device.
- The switch ports are transparent to all data.
- **Pins 2, 4-5, 9-16, and 18-25 of the DB25 interface are switched via break-before-make electro mechanical relays. Pins 1, 3, 6, 7, 8, and 17 are bussed through.**
- The unit maintains last set position on power loss and continues to pass data.
- Upon power up, unit switches based on state of contact closure.
- Front panel pushbutton control.
- Remote Contact Closure control and status provides dry contact logic to allow the control of the switch position as well as obtain the current position.
- Remote DB15 connector provides a +5VDC pin with inline current limiting resistor and signal gnd pin for an external LED to be placed across for monitoring unit power.
- Front panel LED's display present position and power status.
- Model 4077 Dual Channel Remote Control unit with LED Display controls up to two Model 7312 Single Channel RS232/RS530 A/B Switches.
- A special cable from the Model 4077 (RJ45) to the Model 7312 (DB15) passes the required signals to control the switch position.



## SPECIFICATIONS:

**PORT CONNECTORS:** (3) DB25 female connectors, labeled A, B, and COMMON.

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

**DISPLAY:** (2) Front panel LED's display channel switch position.

**REMOTE:** (1) DB15 female connector on rear panel accepts contact closure switch commands.

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

**DIMENSIONS:** 8.10" W x 2.4" H x 7.23" D.  
(20.6 x 6.2 x 18.4 cm)

**WEIGHT:** Approximately 1.9 lbs. (0.9 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.**

## PathWay® Model 7312 RS232/RS530 A/B Switch Application with DB15 Remote Control Port

