

## PathWay® Model 7124R DB9 A/B Automatic Fallback Switch, with Contact Closure Remote Port

- **Automatic fallback based on loss of data on port "A".**
- **Data activity "Watch Dog" switch keeps data flowing.**
- **Double the data throughput reliability through Auto-Fallback redundancy!**

### INTRODUCTION

The PathWay® Model 7124R DB9 A/B Automatic Fallback Switch with Contact Closure Remote Port allows the user the capability of sharing a single port interface device connected to the "COMMON" port among two other devices connected to the "A" and "B" ports with remote access functionality. Remote Control access can be accomplished through the Contact Closure REMOTE Port. The Model 7124R 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.

When in automatic fallback mode, the unit monitors data activity on the Port "A". If activity is lost, the unit switches to Port "B". The Model 7124R will maintain its connection to the Port "B" until data activity is detected on the Port "A", at which time the unit will automatically return to the "A" position. If no data is present on either the Port "A" or on Port "B", the unit will stay in the "B" position and continue to monitor for data. The user can override automatic fallback operation from the front panel or from the Remote Port and force the unit to operate as an A/B switch.

### FEATURES

- Allows quick connection to any one of two DB9 interface devices from one COMMON DB9 interface device.
- **Certified RoHS Compliant.**
- The switch ports are transparent to all data.
- All (9) pins of the DB9 interface are switched via break-before-make electromechanical relays.
- Retains last switch position in the event of power loss and continues to pass data.
- Front panel pushbutton control.
- Ideal for automatic fallback applications based on Port "A" data activity.
- Automatic Fallback Mode operates based on data monitoring of pin 3 of the "A" port and automatic switching occurs after 3 seconds of data loss.
- **Auto-switch logic: If activity on Port "A", stay on Port "A"; if data activity is lost from Port "A", switch to Port "B".**
- Remote control port allows control of the switch position, lockout front panel operations and obtain switch status via contact closure signaling.
- Front panel LED's display switch position and power status.
- Attractive all metal black box packaging provides EMI/RFI shielding.
- Custom length DB9 cables available for your switch installation.



### SPECIFICATIONS:

**PORT CONNECTORS:** (2) DB9 female connectors labeled A and B, (1) DB9 male connector labeled COMMON.

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

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

**REMOTE:** (1) DB9(F) connector on rear panel accepts contact closure switch commands for Remote Control operation.

**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:** Rackmount, 19.0" W x 1.75" H x 8.0" D. (48.3 x 4.4 x 20.3 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.**

