

PathWay® Model 4123 DB25 Automatic Fallback A/B Switch with RS232 Remote

- **Smart Data Switch Automatically Selects the Port with Valid Activity!**
- **Automatically Switches between Backup and Primary Link**

INTRODUCTION

The PathWay® Model 4123 DB25 Automatic Fallback A/B Switch with RS232 Remote 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. The Model 4123 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 DB9 female serial interface Remote port located on the rear of the unit. The front panel LED display indicates the switch position and unit power status, and mode of operation.

The unit monitors data activity on both port "A" and "B". If activity on the connected port is lost, and if the other port has established valid activity, the unit automatically switches to the port with activity. As long as there is activity on the present port, the unit will maintain the connection with the connected port. If neither port has activity, it will stay connected to the present port and continue to monitor for active data on both ports to switch to.

FEATURES:

- **Great for Automatic Protection application.**
- The switch ports are transparent to all data.
- All (25) pins of the DB25 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, change modes, obtain switch status, query firmware version number, query serial number, as well as, toggle Signal Loss Mode, query Fallback Mode and enable/disable autosend of switch positions.
- Automatic switching based on RS232 TD activity.
- Front panel LED's display present position and power status and operating mode.

★ **Municipalities, schools, government: This product on GSA Schedule!**



SPECIFICATIONS:

DATA CONNECTORS: A, B, and COMMON are DB25(F) located on the rear panel.

FRONT PANEL CONTROL: (1) Manual pushbutton local switching or to override Automatic Fallback Mode to Manual Mode.

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

REMOTE CONTROL: (1) DB9(F) connector on rear panel accepts Rs232 Serial Data for Remote Control operation.

POWER: UL approved 100VAC-240VAC, 50Hz/60Hz wall mount power module supplies 12VDC, 625mA to the unit. Has 2-prong, US, non-polarized plug.

DIMENSIONS: 8.12"W x 2.43"H x 7.01"H. (20.7 x 6.2 x 20.9 cm)

WEIGHT: Approx. 1.9 lbs. 0.9 kg

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

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