

PathWay® Model 4123 Automatic Sensing DB25 A/B Switch with Remote Management Port

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

INTRODUCTION

The PathWay® Model 4123 Automatic Sensing DB25 A/B Switch allows the user the capability of accessing two RS232 serial data interface devices connected to ports A and B from one RS232 serial data interface device connected to its COMMON port. It has two modes of operation, Automatic Sensing Mode and Manual A/B Switch Mode.

In Automatic Sensing Mode, the Model 4123 allows a device connected to the Common port to connect through to the port with activity either on "A" or "B". It maintains the connection with the currently connected port as long as there is activity on it. The unit monitors data activity on both port "A" and "B". If activity on the currently connected port is lost, and if the other port has established valid activity, the unit automatically switches to that port with activity. It will stay connected to the current port if neither of the ports has activity. Then, if data activity is detected on a port, the unit will automatically switch to that port.

In Manual A/B Switch Mode, the Model 4123 may be controlled locally via its front-panel pushbutton, or remotely via its REMOTE control port that accepts RS232 serial data ASCII commands.

FEATURES:

- **Great for Automatic Protection application.**
- The switch ports are transparent to all data.
- All pins of the DB25 interface are switched.
- All switched signals are passed via copper contact relays that maintain their position and continuity even in the event of a power loss or failure.
- Front panel pushbutton control or Remote ASCII Command access through the serial port.
- Front panel LED's display the present switch position.
- The user can override automatic sensing operation from the front panel (or through remote command) and force the unit to operate as an A/B switch.
- ★ **Municipalities, schools, government: This product on GSA Schedule!**



SPECIFICATIONS:

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

CONTROL: (1) Pushbutton to select port A or B connection to the COMMON port or to override the automatic sensing operation

REMOTE CONTROL: (1) DB9(F) connector labeled REMOTE accepts RS232 serial data ASCII commands.

DISPLAY: (2) Red LED's display switch position, the presence of power, and whether unit is in auto-sensing mode.

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

DIMENSIONS: 7.5"W x 7.5"D x 2.5"H. (19.1 x 19.1 x 6.4 cm)

WEIGHT: Approx. 2.5 lbs. 1.13 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. Has IEC 60320 C14 inlet. **Ideal for international applications.**

