

PathWay® Model 4121 Automatic Fallback and Recovery A/B Switch with Remote Management Port

- This Smart Switch provides a “Fallback” data path “B” based on loss of Data Activity on Port “A”, and a “Recovery” to “A” when Data Activity returns!

INTRODUCTION

The PathWay® Model 4121 Automatic Fallback and Recovery A/B Switch with Remote Management Port 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.

The unit monitors data activity on port “A”. If activity is lost, the unit automatically switches to port “B”. The Model 4121 will maintain its connection to port “B” while data activity is not present on port “A”. At any point, if data activity is detected on port “A”, the unit will automatically return to the “A” position. The user can override automatic fallback operation from the front panel and force the unit to operate as an A/B switch. The user can monitor as well as control the unit remotely through the Remote DB9 port by way of RS232 commands. The Model 4121 dimensions are 7.9”W x 2”H x 7.25”D.

FEATURES:

- Allows access to two networks from one COMMON network or device.
 - Local control via front-panel pushbutton.
 - The REMOTE port accepts RS232 Serial Data ASCII commands for switch position control and monitoring.
 - **Automatic Fallback and Recovery Mode operates based on data monitoring on signal pins 2 and 3 of port A.**
 - Switches pins 1-8, 11, 14-21, and 24 of the DB25 interface.
 - Transparent to data speed and format.
 - Front panel LED’s display switch position and power status.
 - Retains last switch position even in the event of a power loss and continues to pass data.
 - Attractive anodized black box packaging provides EMI/RFI shielding.
 - Custom length DB25 cables available for your switch installation.
- ★ Municipalities, schools, government: On GSA Schedule!



SPECIFICATIONS:

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

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

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

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

POWER: UL approved wall mount 120VAC, 60Hz power module supplies 12 VDC, 500 mA to the unit.

DIMENSIONS: Desktop configuration 7.9” W x 2.0” H x 7.25” D. (20.1 x 5.1 x 18.4 cm)

WEIGHT: Approximately 2.8 lbs. (1.27 Kg)

OPTION: WIDE RANGE POWER MODULE (Cat No 517277)
CE and UL listed table mount power module, 100VAC / 240VAC, 50Hz / 60Hz in place of standard 115VAC or 120VAC power module. Ideal for international applications.

Data Activity “Watch Dog” Switch Keeps Data Flowing!

