

PathWay® Model 7387 Single Channel RS232 DB25 A/B Switch with Fallback and Remote Port

- *Can also switch automatically. You select the trigger signal: RD or DCD*

INTRODUCTION

The PathWay® Model 7387 Single Channel RS232 DB25 A/B Switch with Fallback and 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. The Remote port can be used to attain switch position status by using the provided set of Contact Closure pins. The Remote port can also be used to control the switch position using a separate set of Contact Closure pins. The Model 7387 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 either RD activity or DCD presence on ports A and B. If activity or presence is lost on the active port, the unit checks if there is activity or presence on the other port and, in the event that there is activity or presence, the unit switches to the other port. If there is no activity or presence on either port, the unit will maintain its connection to its present port and continue to monitor both ports. The user can override Automatic Fallback operation from the front panel or Remote port and force the unit to operate as an A/B switch.

FEATURES:

- **The unit may be switched manually, remotely, or automatically.**
- The switch ports are transparent to all data.
- All pins of the DB25 interface are switched via break-before-make electromechanical relays.
- Protective ground Pin 1 is tied together between A, B and COM.
- Signal ground Pin 7 on A and B are tied to board ground for reference when monitoring signal.
- All switched signals are passed via latching copper contact relays that maintain their position and continuity even in the event of a power loss or failure.
- When power is restored, unit loads previous position and mode of operation and checks DIP switch settings and Remote port to determine the correct startup configuration.
- Remote Contact Closure control and status provides dry contact logic to allow the control of the switch position as well as obtain the present position.
- Front panel LED's display switch position, mode, and power status.
- ★ **Municipalities, schools, government: This product is 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, power status and mode of operation.

REMOTE CONTROL: (1) DB15 female connector on rear panel accepts Contact Closure 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. (Cat No. 516682)

DIMENSIONS: Rackmount:
19.0" W x 1.75" H x 8.0" D. [48.3 x 4.5 x 20.9 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.**

PathWay® Model 7387 RS232 DB25 A/B Switch Application

