PathWay Model 7747 RS530 DB25 A/B Switch with Cutoff and with Remote Control Port

- **Absolutely NO data passes through the switch when in the Cutoff Position.**
- **The ultimate FIREWALL!**

INTRODUCTION:

The PathWay® Model 7747 RS530 DB25 A/B Switch with Cutoff and RS232 and Contact Closure 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. The unit allows the user to set the switch to the "CUTOFF" position, which stops any and all data throughput for the switch.

The switch may be controlled locally by manually operating the front panel pushbuttons, or remotely from the DB9 female Remote port located on the rear of the unit, via Contact Closure or RS232 ASCII commands. The front panel LED display indicates the switch position and unit power status.

PathWay® Model 7747

DB25 (M) DB25 (M) DB25 (F)

FEATURES:

- **Switch one RS530 interface channel to either "A", "B", or full "CUTOFF" for secure isolation.**
- The DB25 connectors for A/B/COMMON ports are M/M/F.
- All (25) pins of the DB25 interface are switched via break-before-make electromechanical relays.
- On power loss, unit reverts to a cutoff position that isolates all communication ports.
- *When power is restored, the unit automatically switches to the Default Position set by the user via RS232 commands.*
- Remote RS232 ASCII commands that allow the user to control switch position, default position, lock and unlock front panel operations, obtain switch status, as well as query firmware version number.
- Remote Contact Closure control provides dry contact logic to allow the control of the switch position.
- Front panel pushbutton control.
- Front panel LED's display switch position and power status.
- Attractive black box packaging provides EMI/RFI shielding.
- Custom length DB25 data cables for this switch are available.

SPECIFICATIONS:

PORT CONNECTORS:
(2) DB25 Male connectors labeled A, and B, and (1) DB25 Female connector labeled COMMON.

FRONT PANEL CONTROL: (3) Manual pushbuttons allow local switching.

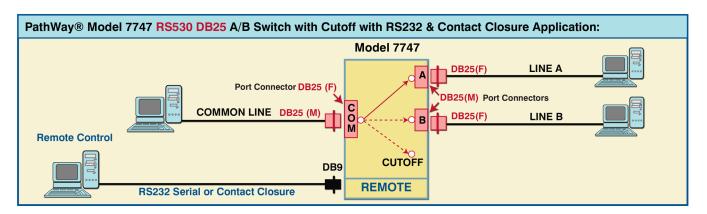**DISPLAY:** (3) Front panel LED's display switch position and power status.

REMOTE CONTROL: (1) DB9 Female connector on rear panel accepts Contact Closure or RS232 Serial Data for remote control operation.

POWER: Model 7747 is powered by internal power supply. Plug the IEC 60320 C14 inlet on the rear of the unit into a 100VAC-240VAC, 50Hz-60Hz receptacle.

FUSE Rating: The fuse rating for the PathWay® Model 7747 is .16A/250V. The fuse time lag (Slo-Blo®) and comes in a 5 mm x 20 mm cartridge.

DIMENSIONS: Rackmount, 19.0" W x 10.4" D x 1.75" H. [48.3 x 26.5 x 4.4 cm]

WEIGHT: Approximately 5.3 lbs. [2.4 kg]

PathWay® Model 7747 RS530 DB25 A/B Switch with Cutoff with RS232 & Contact Closure Application:

Model 7747

Port Connector DB25 (F)

COMMON LINE DB25 (M)

Remote Control

DB25(F) LINE A

DB25(M) Port Connectors

DB25(F) LINE B

CUTOFF

DB9

REMOTE

RS232 Serial or Contact Closure