Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

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

INTRODUCTION:

The PathWay® Model 7747 RS530 A/B Switch with Cutoff and Remote Control provides switching in a low profile, 19-inch 1U rack unit. Enclosure dimensions are 19"W x 1.75"H x 8"D.

The Model 7747 allows the user the capability of sharing a single DB25 interface device connected to the "Common" port among two other DB25 devices connected to the "A" and "B" DB25 ports. The Model 7747 also allows the user to set the switch to the "CUTOFF" position, which stops any and all data throughput via the switch.

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

OPERATION:

The switch may be controlled locally by manually operating the front panel push button or remotely from the DB9 Control port located on the rear of the unit using either contact closures or an RS232 command interface. The front panel LED display indicates the switch position and power status.

All ports ("A", "B", and "COMMON") of the switch are transparent to all data going through the switch. If power to the Model 7747 is removed, the switch will be automatically moved to the "CUTOFF" position. When it is restored, the switch will move to the programmed default position.

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.
- Switches all 25 pins of the DB25 interface.
- Switch locally via front panel pushbutton.
- Switch remotely via RS232 serial or contact closure signaling.
- If power is lost, the switch will safely move to "Cutoff" position until power is restored. Then it will recover to the programmed default position.
- Custom length cables available.

SPECIFICATIONS:

PORT CONNECTORS: (2) DB25 Male connectors labeled A, and B, and (1) DB25 Female connector labeled COMMON.
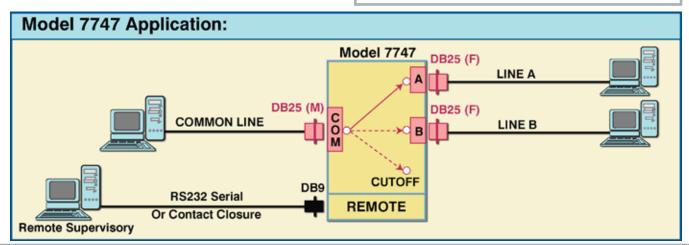
FRONT PANEL CONTROL: (1) Manual pushbuttton allows local switching.

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: Power to the Model 7747 is supplied by way of a rear panel Type I power connector. A power cord is supplied with the unit and plugs into a standard 115 VAC, 60 Hz receptacle.

DIMENSIONS: Rackmount, 19.0" W x 8.0" D x 1.75" H.

WEIGHT: Approximately 4.5 lbs

Model 7747 Application: