



**Electro Standards Laboratories**  
ADVANCED SYSTEMS DESIGN & SERVICES



**SPECIFICATIONS**  
**MODEL 4720**  
Cat. No. 303720

## PathWay® Model 4720 Remotely Controllable DB25 A/B Switch, Monitor A & B for Control, Custom Protocol

### INTRODUCTION

The PathWay® Model 4720 Remotely Controllable DB25 A/B Switch monitors the data on its A and B ports and responds to custom protocol ASCII character "Switch to A" or "Switch to B" command sequences. Local control is also available via front panel pushbutton.

### FEATURES:

- Allows quick connection to any one of two DB25 interface devices from one COMMON device.
- Switches pins 1-8 and 20 of the DB25 interface via break-before-make electromechanical relays.
- Local control via front panel pushbutton.
- Data on both ports A and B looked to for ASCII character command sequences — "Switch to A" commands received and responded to on port A; "Switch to B" commands received and responded to on port B.**
- ASCII commands are identified, stripped from data stream, and not allowed to pass through the A/B Switch unit.**
- Each received command is responded to for positive receipt of command acknowledgement.**
- Custom command protocol designed to enable the A/B Switch Unit to respond per command acknowledge receipt of command and provide status information per command request.**
- RS232 multi-drop configuration for monitored data on ports A & B.**
- Each Switch has a programmable dip switch to create its unique address/identity.**
- Commands include CHANGE switch position, QUERY switch position status, and LOCKOUT/UNLOCK front panel control.
- Front panel LED's display switch position and power status.
- Retains last switch position in the event of 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.



### SPECIFICATIONS:

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

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

**DISPLAY:** (2) Red LED's display switch position, and power status.

**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:** 7.75"W x 7.25"D x 2.0"H.  
(19.7 x 18.4 x 5.1 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-40VAC, 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.**

