Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

MADE IN USA

PathWay® Model 7120 Single Channel DB9 A/B Switch via TTL Signaling and Contact Closure Remote

- **Ideal for device sharing applications.**
- **Remote control via TTL Signaling or Contact Closure**
- **Optional Remote Toggle Switch Control Cable Available!**

INTRODUCTION

The PathWay® Model 7120 Single Channel DB9 A/B Switch allows the user the capability of sharing a single DB9 device, connected to the "COMMON" port connector, among two other devices, connected to the "A" and "B" ports. The interface is made up of DB9 female port connectors. The Model 7120 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.

The switch may be controlled locally by manually operating the front panel pushbutton or remotely using the Remote port on the rear. The Remote port allows the user to control switch position using TTL signaling or using a Remote Toggle Switch, (ESL Cable p/n 986479) connected to the DB9 (female) Interface Remote port located on the rear of the unit. The front panel LED display indicates the present position and unit power status. All connectors are switched simultaneously for a total of 9 pins switched.

FEATURES:

- Allows quick connection to any one of two devices from one COMMON device.
- All (9) pins of the DB9 interface are switched via break-before-make electromechanical relays.
- The switch ports are transparent to all data.
- Front panel pushbutton control!
- **When the Remote is in use, the front panel pushbutton will be locked out.**
- The DB9 Remote port provides access to remotely switch the unit by dry contact open/close logic or from a toggle switch.
- Front-panel LED's display switch position and power status.
- The unit maintains last set position on power loss and continues to pass data.
- Upon power up, unit can be switched based on TTL or Contact Closure, or remain in the position it was in at power down.
- Attractive all metal black box packaging provides EMI/RFI shielding.
- For desktop version, see Model 4135, Cat. No. 303135.

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 7120

SPECIFICATIONS:
PORT CONNECTORS: (3) DB9 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 TTL signaling or contact closure switch commands for Remote Control operation.
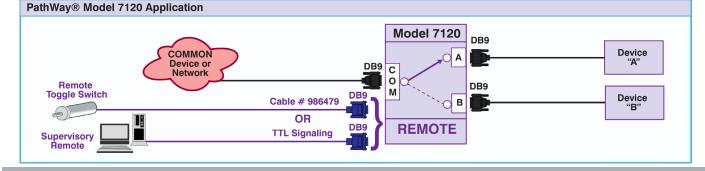
POWER: UL approved 100VAC–240VAC, 50Hz-60Hz wall mount power module supplies 12 VDC, 500mA to the unit. Has 2-prong, US, non-polarized plug.

DIMENSIONS: Rackmount 19.0" W x 1.75" H x 8.22" D. (48.3 x 4.5 x 20.9 cm).

WEIGHT: Approximately 4.2 lbs. (1.9 kg)

Option: Cable 986479 - Remote Toggle Switch Control Cable
- Provides remote toggle switch control for the Model 7120
- Includes water resistant mounting of toggle switch
- Cable has compatible connector to Remote Port of Model 7120 on one end, and toggle switch with waterproof mounting boot on the other.
- Cable length 2.5 ft. long (other lengths are available).

PathWay® Model 7120 Application