Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

MADE IN USA

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 postion 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.

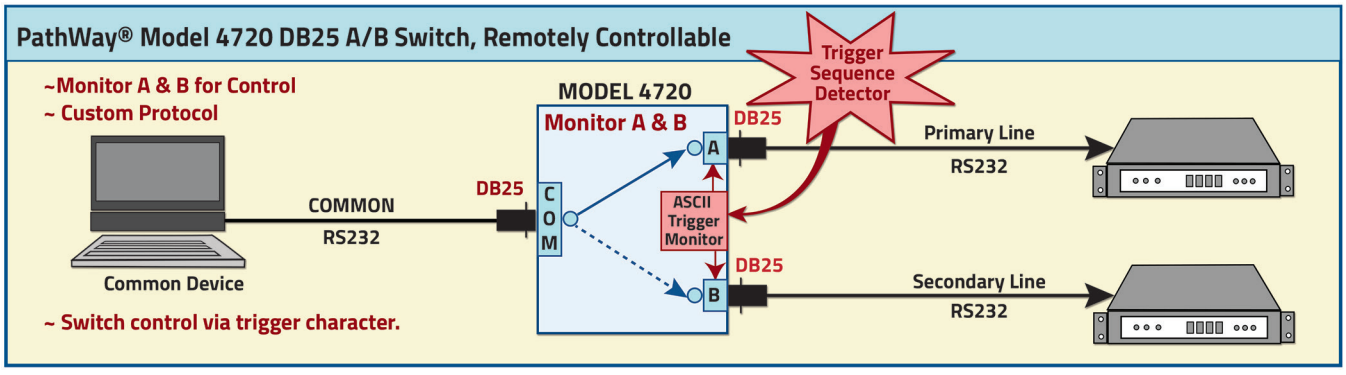
POWER: UL approved 100VAC-240VAC, 50Hz/60Hz wall mount power module supplies 12VDC, 500mA to the unit. Has 2-prong, US, non-polarized plug.

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.**



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