Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

MADE IN USA

PathWay® Model 7467 8-Channel RJ45 Cat6 A/B Switch with Contact Closure Remote & Position Feedback

INTRODUCTION

The PathWay® Model 7467 8-Channel RJ45 Cat 6 A/B Switch with Contact Closure Remote and Position Feedback allows the user the capability of accessing two separate devices, ports A and B, via connection through a device connected to the Common port for each of eight channels. The Model 7467 is enclosed in a 2U, 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 manually via the front panel pushbuttons or remotely from a HD44/F port located on the rear of the unit.

Switch position state may be attained via the front panel LED.

FEATURES:

- Allows quick connection to any one of two devices from one COMMON device for each of eight channels.
- The switch ports are transparent to all data.
- All (8) pins of the RJ45 interface are switched via break-before-make electromechanical relays.
- **Independent control of channels.**
- Front panel pushbutton control.
- The unit maintains last set position on power loss and continues to pass data.
- Upon power up, the unit will switch based on Remote Contact Closure state.
- Remote Contact Closure control and status provides dry contact logic to allow the control of the switch position, and obtain the present position.
- Contact Closure provides a set of contacts for position feedback allowing reporting of each channel's position to a Supervisory Control Device.
- Front panel LED's display present position and power status.
- **Certified for Cat 6 compliance.**
- Attractive all metal black box packaging provides EMI/RFI shielding.

PathWay Model 7467

SPECIFICATIONS:

PORT CONNECTORS: (24) RJ45(F) labeled A, B, and COMMON; 3 RJ45(F) connector for each of eight channels.
FRONT PANEL CONTROL: (8) Pushbuttons to select port A or B for each channel.
DISPLAY: (2) Red LEDs display switch position and power status for each channel.
REMOTE PORT: (1) HD44(F), 44-Pin connector on rear supports Contact Closure Control and Feedback Status.
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 Configuration, 19.0" W x 3.50." H x 10.16" D. (48.3 x 8.9 x 25.9 cm)
WEIGHT: Approximately 6.0 lbs. (2.8 kg)

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 7467
8-Channel RJ45 Cat 6 A/B Switch Application:
- **Contact Closure Remote**
- **and Position Feedback**

Model 7467

Channel 1 Common Device — Cat 6 — RJ45 — COM 1 — A — RJ45 — Cat 6 — Device "1A"
B — RJ45 — Cat 6 — Device "1B"
Channel 2 Common Device — Cat 6 — RJ45 — COM 2 — A — RJ45 — Cat 6 — Device "2A"
B — RJ45 — Cat 6 — Device "2B"
Channel 3 Common Device — Cat 6 — RJ45 — COM 3 — A — RJ45 — Cat 6 — Device "3A"
B — RJ45 — Cat 6 — Device "3B"
Channel 8 Common Device — Cat 6 — RJ45 — COM 8 — A — RJ45 — Cat 6 — Device "8A"
B — RJ45 — Cat 6 — Device "8B"

Contact Closure Device — **Custom Contact Closure with Position Feedback** — HD44 — **CUSTOM REMOTE**