Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

MADE IN USA

PathWay® Model 7378 Quad-Channel RJ45 Cat 5e OnLine/OffLine Switch, with Contact Closure Remote & Position Feedback

- **Absolutely NO data passes through the switch when in the OFFLINE position!**

INTRODUCTION

The PathWay® Model 7378 Quad Channel RJ45 Cat5e Online/ Offline Switch with Contact Closure Remote and Position Feedback allows the user the capability of connecting two separate devices, ports A and COM, via an Online or Offline connection for each channel. The Model 7378 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 manually via the front panel pushbuttons or remotely from the four DB9 ports (one for each channel) located on the rear of the unit. Switch position state may be attained via the front panel LEDs or by Contact Closure status signals.

PathWay® Model 7378

FEATURES:

- Independently control each of four channels between Online and Offline via four front panel pushbuttons, or from the DB9 Remote ports via Contact Closure signaling.
- The switch ports are transparent to all data.
- All (8) pins of the RJ45 interface are switched via break-before-make electromechanical relays.
- Upon power up, unit switches based on state of Contact Closure.
- *Upon power loss, all four channels switch to the OFFLINE position.*
- Front panel pushbutton control.
- Four DB9 Remote ports, one for each of four channels.
- Remote Contact Closure control and status provides dry contact logic to allow the control of the switch position, as well as obtain the present position.
- Front panel LED's display present position and power status.
- **Certified for Cat5e compliance.**
- Powered by customer supplied 24 VDC. Mating connector included.

SPECIFICATIONS:

PORT CONNECTORS: (8) RJ45 female connectors; (2) labeled A and COM for each of four channels.

REMOTE PORT: (4) DB9 female connectors on rear accept Contact Closure Control and Position Feedback, one for each of four channels.

FRONT PANEL DISPLAY: On the front-panel, (4) Green LED (ONLINE) and (4) Red LED (OFFLINE) indicates switch position and power;(1) Green LED, (1) Red LED per channel.

FRONT PANEL CONTROL: (4) Pushbuttons for local switch control; (1) pushbutton per channel.

POWER: Requires customer supplied 24 VDC, 500 mA Power Input. A mating power connector is included with the Model 7378.

DIMENSIONS: Rackmount; 19.0" W x 1.75" H x 8.24" D. (48.3 x 4.5 x 20.0 cm)

WEIGHT: Approximately 4.8 lbs. (2.2 kg)

PathWay® Model 7378 Quad Channel Online/Offline Application