Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

MADE IN USA

PathWay® Model 7278 Single Channel RJ45, Cat 6, A/B/C/D Switch, with Serial Remote Control

- *Shielded RJ45 port connectors provide additonal EMI/RFI protection.*
- *High Bandwidth, accommodates streaming video, and other data intensive applications.*

INTRODUCTION

The PathWay® Model 7278 Single Channel RJ45 Cat6 A/B/C/D Switch with RS232 Remote allows the user the capability of accessing four separate devices, ports A, B, C, and D via connection through a device connected to the Common port. The Model 7278 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 a front panel pushbutton or remotely from an RS232 serial port located on the rear of the unit.

Switch position status may be attained via the front panel LED display or the Remote RS232 serial port located on the rear of the unit.

FEATURES:

- Allows quick connection to any one of four devices from one COMMON device.
- The switch ports are transparent to all data.
- All (8) pins of the RJ45 interface are switched via break-before-make electromechanical relays.
- The unit maintains last set position on power loss and continues to pass data.
- Eliminates the need to plug and unplug cables.
- **Certified Cat 6 compliance.**
- Front-panel pushbutton control.
- Remote RS232 ASCII commands that allow the user to control switch position, lockout front panel operations, obtain switch status, as well as, query firmware version number, query serial number and enable/disable autosend of switch positions.
- Front panel LED's display switch position and power status.
- **Attractive all metal black box packaging provides EMI/RFI shielding**.
- Custom length RJ45 cables available for your switch installation.

PathWay® Model 7278

SPECIFICATIONS:

PORT CONNECTORS: (5) RJ45(F) **shielded connectors** labeled A, B, C, D and COMMON.

DISPLAY: (4) Front panel LED's indicate switch position and power status.

FRONT PANEL CONTROL: (1) Front panel pushbutton allows local switching.

REMOTE: (1) DB9(F) connector on rear panel accepts ASCII RS232 Serial Data for Remote Control Operation.
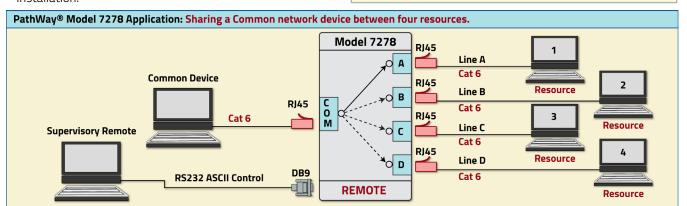
POWER: UL approved 100VAC–240VAC, 50Hz–60Hz wall mount power module supplies 12 VDC, 500 mA to the unit. Has 2-prong, US, non-polarized plug. (Cat No. 516682)

DIMENSIONS: Rackmount configuration 19.0" W x 1.75." H x 10.7" D. (48.3 x 4.4 x 26.0 cm)

WEIGHT: Approximately 5.3 lbs. (2.4 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 7278 Application: Sharing a Common network device between four resources.