Electro Standards Laboratories

ADVANCED SYSTEMS DESIGN & SERVICES

PathWay® Model 7315 12-Channel Cat6 RJ45 ON/OFF Switch with Ethernet Remote Port, Independent Channel Control, Shielded Cat6 ports, 1U Rackmount

• IP Addressable. Remotely control the switch via Telnet command interface.

INTRODUCTION

The PathWay® Model 7315 Shielded RJ45 Cat6 ON/OFF Switch with Telnet Remote allows the user the capability of connecting two separate devices, ports A and B, via an Online or Offline connection for each channel. The Model 7315 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. Remote Control access can be accomplished using an Ethernet 10/100BASE-T connection and Telnet commands.

FEATURES:

• 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.
• Upon power up, unit maintains its position from power down.
• Front panel pushbutton control.
• Individual control of each channel.
• Control of the switch position from a 10/100-Base-T LAN Ethernet environment.
• **Remote Control Telnet command interface that allows the user to control switch position, lockout front panel operations, obtain switch status, query unit MAC address, firmware version number, as well as, serial number.**
• Independently or simultaneously switch channels via Telnet commands.
• Front panel LED's display present ON/OFF status and power status.
• Certified for Cat6 compliance.
• **Switch features shielded Cat6 RJ45 ports and shielded Cat6 internal cable material.**

Model 7315

SPECIFICATIONS:

PORT CONNECTORS: **(24) Shielded RJ45 female connectors; (12) labeled A, and (12) labeled B.**
COMPLIANCE: Certified for Cat6.
FRONT PANEL CONTROL: (12) Manual pushbuttons allow local switching.
DISPLAY: On the front-panel, (1) Green LED (ON) and (1) Red LED (OFF) for each channel display switch position and power.
REMOTE CONTROL: (1) RJ45 female connector on rear panel accepts 10/100 Base-T LAN Access Ethernet that uses TELNET commands for Remote Control operation
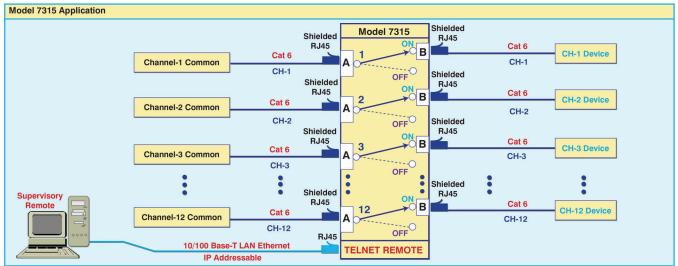**POWER:** UL approved 100VAC/240VAC, 50Hz/60Hz wall mount power module supplies 12 VDC, 500mA to the unit. Has 2-prong, US, non-polarized plug.
DIMENSIONS: Rackmount, 19.0" W x 1.75" H x 10.34" D. (48.3 x 4.4 x 26.3 cm)
WEIGHT: Approximately 7.4 lbs. (3.4 kg).

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.**

Model 7315 Application