Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

SPECIFICATIONS
MODEL 7105
Cat. No. 307105

PathWay® Model 7105 50-Pin Telco to RJ11 Switch with RS232 Remote

• Allows single pair selection from 25-pair Telco interface to be switched to the RJ11 output.

INTRODUCTION

The PathWay® Model 7105 50-Pin Telco to RJ11 Switch with RS232 Remote allows the user the capability to access the 50-Pin Telco 25 pairs to be accessed one pair at a time via the RJ11 connector both locally and remotely. The Model 7105 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 locally by manually operating the front panel pushbutton or remotely from the DB9 Remote Control port located on the rear of the unit. The DB9 Remote port provides control through RS232 Serial Commands and allows the user to both control and monitor the switch position remotely. The front panel LED display indicates the switch position and unit power status.

FEATURES:

- **Independent control of 25 pairs of 50-Pin Telco switched one pair at a time to pins 3 and 4 of RJ11 connector 1 set at a time.**
- The signals switched to pins 3 and 4 of the RJ11 interface are switched via break-before-make electromechanical relays.
- The switch ports are transparent to all data.
- Front panel pushbutton provides local control.
- Remote RS232 ASCII commands that allow the user to control switch position, including Off-Line position, lock and unlock front panel pushbutton, and obtain switch status.
- Off-Line position is obtained solely via the RS232 Remote commands.
- When in Off-Line position, no channels will be connected and front panel LED's are turned off.
- Once in Off-Line position, the user can return to On-Line position via RS232 commands or the front panel pushbutton.
- Front panel LED's display present position and power status.
- The unit maintains last set position on power loss and continues to pass data.

PathWay® Model 7105

SPECIFICATIONS:

PORT CONNECTORS: (1) 50-Pin Telco (F) connector and (1) RJ11 (F) connector.
REMOTE CONTROL: (1) DB9(F) connector accepts RS232 serial data for Remote Control operation.
LED's: (25) labeled 1 thru 25, indicate present position and power status.
LOCAL CONTROL: (1) Pushbutton for local switch control.
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.
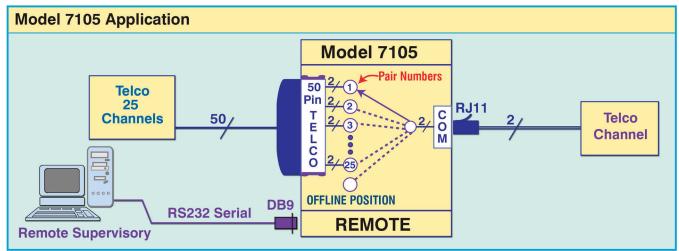**DIMENSIONS:** 19.0" W x 3.5" H x 8.46" D. (48.3 x 8.9 x 21.5 cm)
WEIGHT: Approximately 6.2 lbs. (2.8 kg)

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.**

Model 7105 Application

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