Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

MADE IN USA

SPECIFICATIONS
MODEL 7185
(Cat. No. 307185)

PathWay Model 7185 DB15 8-to-1 Switch with RS232 Remote

- *Switching exclusively controlled by remote port.*

INTRODUCTION

The PathWay® Model 7185 DB15 8-to-1 Switch with RS232 Remote allows the user the capability of sharing a single DB15 interface device, connected to the Common port, among eight other devices, connected to the "A", "B", "C", "D", "E", "F", "G" and "H" ports. The Model 7185 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.

There is no "local" or front panel switch control on the unit. The Model 7185 can ONLY be switched remotely from the DB9 (female) Serial Interface Remote port located on the rear of the unit. The front panel LED display indicates the switch position and unit power status.

FEATURES:

- Allows quick connection to any one of eight devices from one COMMON device.
- The ports are transparent to all data.
- All (15) pins of the DB15 interface are switched via break-before-make electromechanical relays.
- The unit maintains last set position on power loss and continues to pass data.
- **No front panel control.**
- Remote RS232 ASCII commands that allow the user to control switch position, obtain switch status, query firmware version number, and query serial number.
- The ASCII command set is as follows:
  - "CTRL-A" created by holding down the [CTRL] and [A] key on the keyboard, changes the switch position to "A";
  - "CTRL-B" changes the switch position to "B";
  - "CTRL-C" changes the switch position to "C";
  - "CTRL-D" changes the switch position to "D"
  - "CTRL-E" changes the switch position to "E";
  - "CTRL-F" changes the switch position to "F";
  - "CTRL-G" changes the switch position to "G";
  - "CTRL-H" changes the switch position to "H";
  - "CTRL-P" queries the switch position status
  - "CTRL-N" query unit serial number;
  - "CTRL-V" query hardware version number.
- Front panel LED's display the present position and power status.
- Attractive all metal black box packaging provides EMI/RFI shielding.

PathWay® Model 7185

SPECIFICATIONS:

PORT CONNECTORS: (9) DB15 female connectors labeled A, B, C, D, E, F, G, H and COMMON.

DISPLAY: (8) Front panel LED's display switch position and power status.

REMOTE CONTROL: (1) DB9 female connector on rear panel accepts 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.
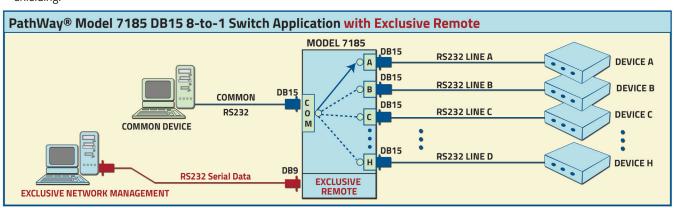
DIMENSIONS: Rackmount Configuration, 19.0" W x 1.75" H x 8.11" D. (48.3 X 4.5 X 20.6 cm)

WEIGHT: Approximately 5.6 lbs. (2.6 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.**

- **Custom length DB15 cables available for your switch installation.**

PathWay® Model 7185 DB15 8-to-1 Switch Application with Exclusive Remote