



Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

SPECIFICATIONS
MODEL 7175
Cat. No. 307175

PathWay® 7175 Single Channel RS530 DB25 A/B Switch, with Exclusive Contact Closure Remote, 24VDC Power

- Ideal for device-sharing applications; Applicable to any DB25 interface devices.

INTRODUCTION

The PathWay® Model 7175 Single Channel DB25 A/B Switch with Contact Control Remote allows a device connected to the "COM" port access to the "A" or "B" port. The PathWay® Model 7175 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 controls on the unit. The Model 7175 can ONLY be switched remotely via the DB9 Remote port located on the rear panel. The front panel LED display indicates the switch position and unit power status.

FEATURES:

- Allows quick connection to any one of two DB25 devices from one COMMON device.
- All (25) pins of the DB25 interface are switched via break-before-make electromechanical relays.
- **A, B and COMMON are DB25 female port connectors.**
- Eliminates the need to plug and unplug cables.
- The switch ports are transparent to all data.
- **Ideal for "remote control only" applications. There is no local control on the Model 7175.**
- Remote Contact Closure control provides dry contact logic to allow the control of the switch position.
- Front panel LED's display switch position and power status.
- The unit maintains last set position on power loss and continues to pass data.
- Upon power up, unit switches based on the state of the contact closure
- **Requires customer supplied 24 VDC, 500 mA power input.**
- Attractive all metal black box packaging provides EMI/RFI shielding.



SPECIFICATIONS:

PORT CONNECTORS: (3) DB25(F) port connectors labeled A, B and COMMON on rear panel.

REMOTE CONTROL: (1) DB9 (F) REMOTE connector on rear panel allows remote switch control via contact closure.

DISPLAY: (2) LED's indicate switch state and power presence.

POWER: Requires customer supplied 24 VDC, 500 mA Power Input. A mating power connector is included with the Model 7175.

DIMENSIONS: Rackmount 19.0" W x 1.75" H x 8.21" D. (1U rack height). (48.3 x 4.5 x 20.9 cm)

WEIGHT: Approximately 4.5 lbs. (2.1 kg)

Ask about our popular

Model 900 EIA/TIA RS-530 Interface Analyzer

Tri-State LED's display Red, Green & Off to Indicate Signal Status Easy to use, for fault isolation.



Model 7175 DB25 A/B Application, Exclusive Remote Control

