

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

MADE IN USA

GSA Schedule Contract GS-35F-0286V

SPECIFICATIONS
MODEL 7125
Cat. No. 307125

PathWay® Model 7125 DB9 A/B Automatic Fallback Switch, with Contact Closure Remote Port

- **Automatic fallback based on loss of data on port "A" (PRIMARY GPS).**
- **Data activity "Watch Dog" switch keeps data flowing.**
- **Automatically switches from PRIMARY GPS to SECONDARY GPS channel.**

INTRODUCTION

The PathWay® Model 7125 DB9 A/B Automatic Fallback Switch with Contact Closure Remote Port allows the user the capability of sharing a single port interface device connected to the "COMMON" port among two other devices connected to the "A" (PRIMARY) and "B" (SECONDARY) ports with remote access functionality. Remote Control access can be accomplished through the Contact Closure REMOTE Port. The Model 7125 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.

When in automatic fallback mode (AUTO), the unit monitors data activity on the PRIMARY port. If activity is lost, the unit switches to the SECONDARY port (B). The Model 7125 will maintain its connection to the SECONDARY port (B) until data activity is detected on the PRIMARY port (A), at which time the unit will automatically return to the "A" position. If no data is present on either the PRIMARY port (A) or on the SECONDARY port (B), the unit will stay in the "B" position and continue to monitor for data. The user can override automatic fallback operation from the front panel or from the Remote Port and force the unit to operate as an A/B switch.



FEATURES

- Allows quick connection to any one of two DB9 interface devices from one COMMON DB9 interface device.
- The switch ports are transparent to all data.
- All (9) pins of the DB9 interface are switched via break-before-make electromechanical relays.
- All switched signals are passed via latching copper contact relays that maintain their position and continuity even in the event of a power loss or failure.
- Switches automatically by loss of data activity after 3 seconds that is monitored and detected on PRIMARY port pins 2 & 3.
- Auto-switch logic: If activity on PRIMARY port A, stay on PRIMARY port A; if data activity is lost from PRIMARY port A, switch to SECONDARY port B.
- **Manual switching from the front panel 3-position rotary switch: PRIMARY GPS, SECONDARY GPS, and AUTO.**
  - o **PRIMARY GPS** or **SECONDARY GPS** positions, the Remote Control capability is disabled and cannot be activated.
  - o **AUTO** position the Remote Control can be enabled and activated by Contact Closure.
  - o **AUTO LED** blinks to indicate that the Remote Control is activated.
  - o Remote port also allows for Contact Closure feedback indicating switch position, and for remotely overriding the switching function only when the front panel rotary switch is in the **AUTO** position.
- Front panel LED's display present A/B position, mode of operation, and power status.

SPECIFICATIONS:

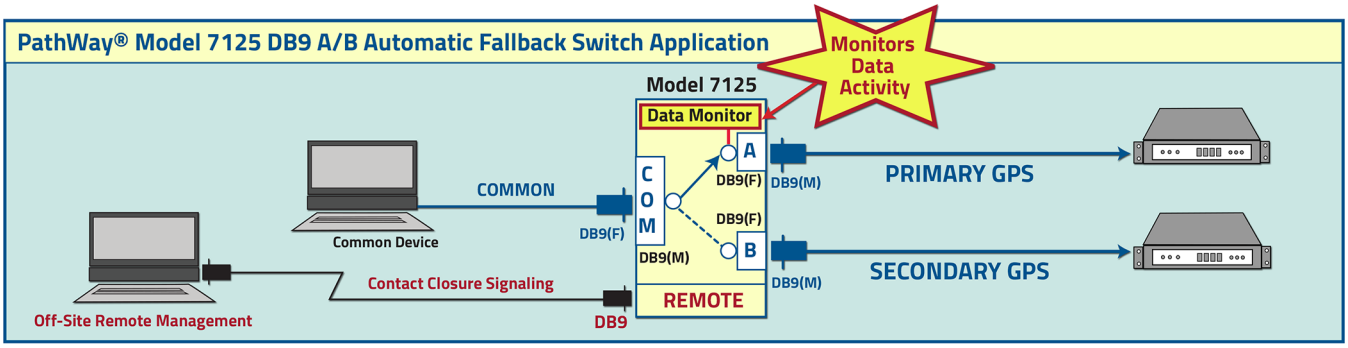
PORT CONNECTORS: (2) DB9 female connectors labeled PRIMARY and SECONDARY, (1)DB9 male connector labeled COMMON.
FRONT PANEL CONTROL: (1) Rotary switch on front panel selects PRIMARY, SECONDARY or AUTO.
DISPLAY: (3) Front panel LED's display switch position, mode, and power status.
REMOTE: (1) DB9(F) connector on rear panel accepts contact closure switch commands 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, 19.0" W x 1.75" H x 8.0" D. (48.3 x 4.4 x 20.3 cm)
WEIGHT: Approximately 4.3 lbs. (2.0 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.

★ **Municipalities, schools, government: This product is on GSA Schedule!**

PathWay® Model 7125 DB9 A/B Automatic Fallback Switch Application



36 Western Industrial Drive, Cranston, RI 02921
Tel: 401-943-1164 Fax:401-946-5790
www.ElectroStandards.com
E-mail:eslab@ElectroStandards.com

Pub. 4896-06

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP