

Model 4123 Automatic Sensing A/B Switch with Remote Management Port

- **Automatically Switches to the Port with Valid Activity**

INTRODUCTION

The Model 4123 Automatic Sensing Switch with Remote Serial control provides a powerful and versatile tool to manage switching requirements. The system affords local and remote access functionality. Remote access can be accomplished by RS232 commands sent via the Remote Serial Port. Users can remotely monitor status and control switch functions. The Model 4123 is 7.5"W x 7.5"D x 2.5"H and weighs 2.5 lbs.

The Model 4123 allows a device connected to the Common port to connect through to the port with activity either on "A" or "B". It maintains the connection with the currently connected port as long as there is activity on it. The unit monitors data activity on both port "A" and "B". If activity on the currently connected port is lost, and if the other port has established valid activity, the unit automatically switches to that port with activity. It will stay connected to the current port if neither of the ports has activity. Then, if data activity is detected on a port, the unit will automatically switch to that port.

The Model 4123 also has a Remote RS232 serial port that permits off-site monitoring and/or management of the switch. The off-site operator can monitor the operation mode, auto-sensing or A/B, the switch position, change the mode or switch position, and lockout the front panel pushbutton operation.



Model 4123 Features:

- The switch ports are transparent to all data.
- All pins of the DB25 interface are switched.
- All switched signals are passed via copper contact relays that maintain their position and continuity even in the event of a power loss or failure.
- Front panel pushbutton control or Remote ASCII Command access through the serial port.
- Front panel LED's display the current switch position.
- The user can override automatic sensing operation from the front panel (or through remote command) and force the unit to operate as an A/B switch.

Specifications:

DATA CONNECTORS: A, B, and COMMON are DB25(F) located on the rear panel.

CONTROLS: (1) Pushbutton to select port A or B connection to the COMMON PORT or to override the automatic sensing operation.

DISPLAY: Two (2) Red LED's display switch position, the presence of power, and whether unit is in auto-sensing mode.

POWER: Supplied by UL Approved, wall mount, 120VAC, 60 Hz power module.

DIMENSIONS: 7.5"W x 7.5"D x 2.5"H

WEIGHT: Approx. 2.5 lbs.

MODEL 4123 APPLICATION:

