

## Model 8581 2 X 3 DB9 Matrix Switch

• **Ideal for sharing peripherals or backup data line. Easily switches two inputs to three outputs!**

### INTRODUCTION

The Model 8581 allows two devices labeled "A" and "B" to share a backup channel or a backup peripheral. Its standard configuration is desktop. This is considered to be a "matrix" switch that can be custom-modified to connect the two input ports "A" and "B" to the output ports "1", "2", and "3" in a variety of configurations.

There are six possible combinations between inputs and outputs. They are: (A-1, B-2) (A-1, B-3) (A-2, B-1) (A-2 B-3) (A-3, B-1) (A-3, B-2).

The three selected as standard for this model are: (A-1, B-3) (A-1, B-2) (A-3, B-2). Any three combinations are optionally available.

### FEATURES:

- **Allows quick access to a shared backup channel or a shared peripheral for either one of two input devices labeled "A" and "B".**
- Manual operation via front-panel rotary switch.
- All 9 pins of the DB9 interface are switched.
- High quality sealed switch with self-wiping low impedance contacts.
- Transparent to data speed and format.
- Eliminates the need to plug and unplug cables.
- Rugged aluminum packaging provides EMI/RFI shielding.
- No external power is required.
- Monitor port supplies switch position info via contact closure.
- Improves computer network efficiency by allowing sharing of backup data line or peripherals.
- Custom switch position labeling and custom wiring optionally available.
- Custom length DB9 cables available for your switch installation.
- Lifetime guarantee against manufacturing defects.

★ **Municipalities, schools, government:**  
**On GSA Schedule!**



### SPECIFICATIONS:

#### PORT CONNECTORS ON REAR PANEL:

- (2) DB9 male input ports, labeled A, B.
- (3) DB9 female output ports, labeled 1, 2, 3.

#### MONITOR PORT ON REAR PANEL:

- (1) RJ45 female switch status port, labeled MONITOR

**FRONT PANEL CONTROL:** (1) Three position rotary selector, labeled A, NORMAL, and B. Custom labeling available.

**POWER:** No power required. Manually operated.

**DIMENSIONS:** 8.0" W x 2.5" H x 8.0" D.  
(20.3 x 6.35 x 20.3 cm)

**WEIGHT:** Approximately 1.5 lbs. (0.7 Kg)

