

PathWay® Model 4522 DB15 A/B Switch with Contact Closure Remote

- Operates on 24 VDC Supplied to Unit.
- Ideal for marine applications requiring operation of 24 volts DC.
- Switches all 15 pins. Allows compatibility with ALL DB15 interfaces!

INTRODUCTION:

The PathWay® Model 4522 Single Channel DB15 A/B Switch with Contact Closure Remote 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" and "B" ports, with remote access functionality. The Model 4522 is packaged in a slim desktop style enclosure.

The switch may only be controlled remotely from the DB9 Contact Control 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 two DB15 devices from one COMMON DB15 device.
- The switch ports are transparent to all data.
- All (15) pins of the DB15 interface are switched via break-before-make electromechanical relays.
- **Remote Control operation only. No local control.**
- **Powered by 24 VDC, required to be supplied across pins 7 and 8 of the REMOTE port.**
- Remote Contact Closure control provides dry contact logic to allow the control of the switch position.
- Front panel LED's display present position and power status.
- The unit reverts to the A position on power down and continues to pass data.
- On power up, the unit maintains its position.
- Ground stud on rear panel to provide single point chassis connection for shielding.
- Mounting holes provided on bottom of the unit for securing the unit in a fixed location.
- Attractive anodized black box packaging provides EMI/RFI shielding.
- Rubber feet provided for desktop applications.
- Custom length DB15 cables available for your switch installation.



SPECIFICATIONS:

PORT CONNECTORS: (3) DB15 female connectors labeled A, B, and COMMON.

SHIELDING: A ground stud on rear panel provides conductive access to the shielded aluminum enclosure.

DISPLAY: (2) Front panel LED's display switch position and power status.

REMOTE CONTROL: (1) DB9 female connector on rear panel accepts Contact Closure signaling for Remote Control operation.

ENVIRONMENT:

Operation Temperature: 0°C to 50°C.

Storage Temperature: -40°C to 85°C.

Humidity: 10% to 90% without condensation.

POWER: **24 VDC power** is required to be supplied across pins 7 & 8 of the DB9 connector.

DIMENSIONS: Desktop, 8.10" W x 2.17" H x 7.27" D. (20.6 x 5.6 x 18.5 cm)

WEIGHT: Approximately 1.8 lbs. (0.8 kg)

MODEL 4522 APPLICATION:

