

Model 8461 Nine-Channel DB15 Connect/Disconnect Switch, Manual Operation

- Utilizes MIL components and designed to support rugged MIL applications.

INTRODUCTION

The Model 8461 Switch is comprised of nine individually controlled, manual operated, DB15 Connect/Disconnect switches. When in CONNECT position, that individual channel input is completely connected to its respective channel output. When in DISCONNECT position, that individual channel input is completely disconnected from its respective channel output.

FEATURES:

- Output Connectors (female): M24308/1-2F
- Input Connectors (male): M24308/3-2F
- Jackposts: M24308/26
- **Rotary Switch: Grayhill p/n 09YY50111**, built to the same drawing as Series 09 for MIL-DTL-3786/13 Type SR13E45B1MPCL, but with different system plating.
- Dielectric Withstanding Voltage: Mil-STD-202F, Method 301
- Insulation Resistance: MIL-STD-202F, Method 302
- Workmanship is in accordance with MIL-HDBK-454, Guideline 9.
- Letter of compliance certification.
- Shock Compliance: MIL-STD-810E, Method 516.4, Procedure 1(1/2 sine30g x 20 millisec)
- Vibration Compliance: MIL-STD-810E, Method 514.4, Category 1, Procedure 1 (2 hours per axis)
- Low pressure (Altitude) Compliance: Altitude 5000 ft. MIL-STD-810E, Method 500.3, Procedure 1.
- Humidity: MIL-STD-810F, Method 507.4.
- Independently switch each of 9 channels via knobs on front panel.
- Switches pins 2, 3, 6, 7, 8, 11, 12, 13, and 14. Pin 1 of each port is bussed through.
- High quality sealed switch with self-wiping precious metal contacts.
- No external power required.
- Transparent to data speed and format.
- Manual operation via front panel rotary switches.
- Attractive anodized black box packaging provides EMI/RFI shielding.
- Custom length DB15 cables available for your switch installation.



SPECIFICATIONS:

PORT CONNECTORS: (9) DB15 (M) Input connectors. (9) DB15 (F) Output connectors.

FRONT PANEL CONTROLS: (9) rotary switches allow local switching.

POWER: No power required. Manually operated.

DIMENSIONS: Desktop Configuration: 16.73" W x 3.47" H x 6.0" D. (42.5 x 8.8 x 15.2 cm)

WEIGHT: Approximately 6 lbs. (2.7 Kg)

Optional Rackmount Brackets

allow the Model 8461 switch to be mounted in a 19" rack enclosure. The brackets are field installable. To order the 3.5" brackets, request: Cat. No. 512433



Model 8461 Application

