

Model 7007 RJ45 A/B Switch Module with Contact Closure Remote Port

INTRODUCTION

Each Model 7007 RJ45 A/B Switch Module allows a device connected to its COMMON port to quickly and easily access devices connected to its "A" and "B" ports. Up to seven of these switch modules slide into the Model 9043 Module Rack Power & Control enclosure.

The Switch Modules can be controlled locally by pushbutton or remotely by contact closure. A contact control remote port facilitates remote switching.

The Model 9043 Module Rack w/Power enclosure includes a Power/Control Module and a Power/Control Bus Cable. The Power/Control Module accepts customer supplied POWER and customer supplied REMOTE signaling. The Power/Control Bus Cable interconnects all to the switch modules in that rack. When the proper contacts are made on the REMOTE port, all modules will switch to the prescribed port, either A or B.

Module Features

- Each module allows quick connection to any one of two devices from one COMMON device.
- Switches all 8 pins of the RJ45 interface.
- Individual switch control via front-panel pushbuttons.
- If switched remotely, all modules switch simultaneously.
- Transparent to data speed and format.
- The remote control port accepts contact closure commands for switch position control.
- Front panel LED's display switch position and power status for each switch module.
- Retains last switch position in the event of power loss and continues to pass data.
- Rugged aluminum case provides EMI/RFI shielding.
- Custom length RJ45 cables available for your switch installation.

System Expands to meet your needs!

This modular approach to switch system requirements allows expansion to more channels on an as-needed basis. Filler panels are available to attractively cover unused module slots (See Cat No 305983 for 2-inch filler panel)



SPECIFICATIONS: Each Model 7007 Switch Module

PORT CONNECTORS: (3) RJ45 female connectors labeled A, B and COM.

FRONT PANEL CONTROL: (1) Manual pushbutton allows local switching.

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

REMOTE/POWER: (1) 4-Pin female Phoenix connector accepts 48VDC from the Power/Control module that is part of the Model 9043 rack unit.

The connector also accepts remote control signals from the Power/Control module that is part of the Model 9043 rack unit.

DIMENSIONS: Module 2.0" W x 5.0" H x 7.0" D. (5.1 x 12.7 x 17.8 cm).

WEIGHT: Approximately 0.6 lbs. (0.3 Kg)

SPECIFICATIONS: Model 9043 Rack w/Power

POWER: (1) 2-Pin External Power Supply INPUT connector requires 48VDC be supplied to this module for distribution to the switch modules in rack.

REMOTE: (1) DB9 female INPUT connector on rear panel accepts contact closure switch commands for Remote Control Operation of all modules in the rack.

CONTROL: (1) 4-Pin Phoenix connector. This port provides power and control to all modules via the Power/Control Bus Cable.

RACK w/POWER MODULE DIMENSIONS: 19.0" W x 5.25" H x 7.0" D. (48.3 x 13.3 x 17.8 cm).

RACK w/POWER MODULE WEIGHT: Approximately 5.5 lbs. (2.5 Kg)

Model 7007 Switch Modules Application

