

LineSelect® Model 9085 RJ45 A/B Switch, Remotely Controllable, DIN Rail Mounted, Cat5e Compliant

- **Convenient DIN rail mounting!**
- **Ideal for use in process control systems requiring switching between multiple Programmable Logic Controllers (PLC's)**

INTRODUCTION

The *LineSelect*® Model 9085 RJ45 A/B switch allows the user to access two RJ45 devices connected to its A and B ports with one RJ45 device connected to its COMMON port. The unit is controlled by the presence or absence of a 24VDC signal applied to its Control Port. The *LineSelect*® Model 9085 switch is easily integrated as a system component by utilizing its rear panel DIN rail mounting bracket.

OPERATION

When 24VDC is not applied to the Control Port, the unit will be in the "A" position and the POSITION LED will be OFF. When 24VDC is applied to the Control Port, the unit will be in its "B" position and the POSITION LED will be ON.

FEATURES:

- Allows (1) COMMON RJ45 port to be shared among either of (2) RJ45 ports "A" and "B".
- **Controlled by 24VDC signal applied to Control Port.**
- Switches all 8 leads of the RJ45 interface via break-before-make electromechanical relays.
- **Certified for category 5e compliance.**
- DIN rail bracket on rear panel.

SPECIFICATIONS:

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

CONTROL PORT: (1) Barrier strip accepts 24VDC, 50mA control signal to switch unit between its "A" and "B" position.

DISPLAY: (1) Front panel LED displays switch position.

DIMENSIONS: DIN Rail Mount Package: 1.75"W x 4.25"H x 6.0"D. (4.4 x 10.8 x 15.2 cm)

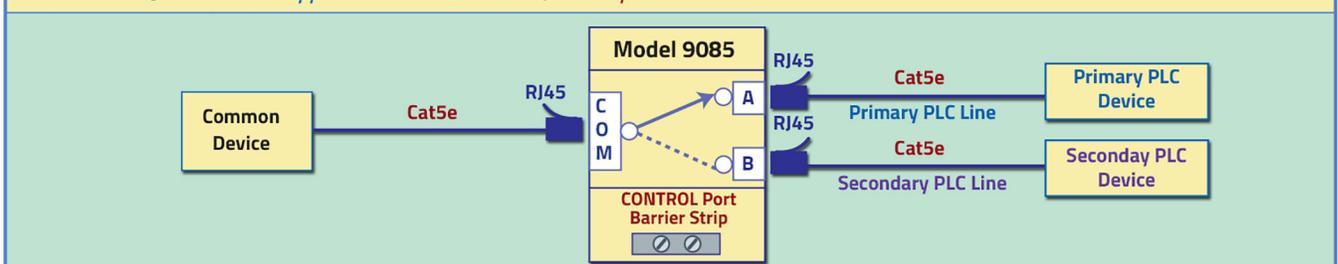
WEIGHT: Approximately 1.1 lbs. (0.5 kg)



Cat5e patchcords - ideal for 10BASE-T, 100BASE-T, 1000BASE-T Ethernet and Gigabyte Ethernet

Color	3 ft.	price	5 ft.	price	10 ft.	price	25 ft.	price
Black	990328-003	Call for price!	990328-005	Call for price!	990328-010	Call for price!	990328-025	Call for price!
Red	990333-003	Call for price!	990333-005	Call for price!	990333-010	Call for price!	990333-025	Call for price!
Yellow	990336-003	Call for price!	990336-005	Call for price!	990336-010	Call for price!	990336-025	Call for price!

LineSelect® Model 9085 Application ... Switches ANY RJ45 interface!



ADDITIONAL FEATURES & INTEGRATION BENEFITS:

- **System Integration-Ready Design** – DIN-rail mountable housing for easy installation within industrial racks, control cabinets, or automation panels, enabling quick integration into process control and network systems.
- **Remote Control via 24 VDC Barrier Strip** – Accepts a remote DC control signal to switch between A and B network paths, facilitating automation with PLCs, HMIs, or other control logic without operator intervention.
- **Supports HMI/PLC Redundancy** – Allows one common networked device (e.g., an HMI or field instrument) to switch between Primary and Secondary controllers or communication paths, enabling redundancy without manual cable swaps.
- **Transparent 8-Lead Switching** – Physically switches all eight RJ45 conductors, ensuring complete signal path isolation and compatibility with Ethernet, serial over RJ45, or other Cat5e network interfaces.
- **Enhanced Security Compared to Software-Only Solutions** – Provides hardware-level physical switching, eliminating reliance on software logic that can be vulnerable to configuration errors, malware, or operating system failures. A hardware switch ensures deterministic, auditable path selection.
- **Durable, Shielded Construction** – All-metal enclosure with Cat5e compliance offers electromagnetic interference (EMI/RFI) protection, improving reliability in industrial environments where noise immunity is critical.
- **LED Position Feedback** – Front-panel LED indicates current switch state (A or B), giving operators and control systems clear, real-time status without polling or network management tools.