Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

RoHS Compliant

SPECIFICATIONS
MODEL 7305C
(Cat. No. 307305C)

PathWay® Model 7305C Single Channel RJ45 Cat5e A/B Switch with Exclusive Remote Control, RoHS Compliant

- **Convenient DIN rail mounting. Ideal for use in process control systems. • CE Certified**

INTRODUCTION

The PathWay® Model 7305C Single Channel RJ45 Cat5e A/B Switch with Voltage Control Remote allows the user the capability of accessing two separate devices, ports A and B, via connection through a device connected to the Common port. The Model 7305C is RoHS Compliant and CE Certified. The PathWay® Model 7305C is enclosed in a slim all metal, black chassis designed to provide EMI/RFI shielding and mount on a standard DIN Rail.

There is **no "local"** or front panel switch control on the unit. The Model 7305C can **ONLY be switched remotely** from the DB9 Remote port located on the bottom of the unit.

FEATURES:

- Allows quick connection to any one of two RJ45 devices from one COMMON device.
- The switch ports are transparent to all data.
- All (8) pins of the RJ45 interface are switched via break-before-make electromechancal relays.
- **Exclusive Remote Control. No front panel control.**
- Remote Voltage control provides low power dry contact logic to allow the control of the switch position.
- Switch reverts to the A position on power loss and continues to pass data.
- Upon power up, unit switches based on state of remote port.
- Front panel LED's display switch position and power status.
- **RoHS Compliant and CE Certified.**
- Eliminates the need to plug and unplug cables.
- Attractive all metal, black box packaging provides EMI/RFI shielding
- Custom length RJ45 cables available for your switch installation.

PathWay® Model 7305C — BOTTOM PANEL, DIN Rail Bracket, FRONT PANEL, REAR PANEL

BOTTOM PANEL

SPECIFICATIONS:

PORT CONNECTORS: (3) RJ45 female connectors labeled A, B, and COMMON.
REMOTE VOLTAGE CONTROL: (1) DB9 female port accepts low power dry contact logic to allow the control of the switch position.
DISPLAY: (2) Front panel LED's display switch position.
POWER: 24 VDC required to be supplied to the unit.
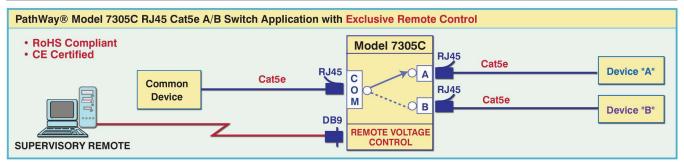**DIMENSIONS:** DIN Rail Mount Package: 1.75"W x 4.3"H x 8.3"D. (4.4 x 11.0 x 21.1 cm)
WEIGHT: Approximately 1.4 lbs. (0.7 kg)

Cat5e patchcords - Ideal for 10BASE-T, 100BASE-T, 1000BASE-T Ethernet and Gigabit Ethernet

Color	3 ft.	price	5 ft.	price	10 ft.	price	25 ft.	price
Black	990328-003	$ 3.25	990328-005	$ 4.25	990328-010	$ 6.63	990328-025	$ 14.00
Red	990333-003	$ 3.25	990333-005	$ 4.25	990333-010	$ 6.63	990333-025	$ 14.00

PathWay® Model 7305C RJ45 Cat5e A/B Switch Application with Exclusive Remote Control

- **RoHS Compliant**
- **CE Certified**

Application diagram: SUPERVISORY REMOTE → Common Device → Cat5e/RJ45 → Model 7305C (COM, REMOTE VOLTAGE CONTROL, DB9) → RJ45 Cat5e → Device "A" / Device "B"