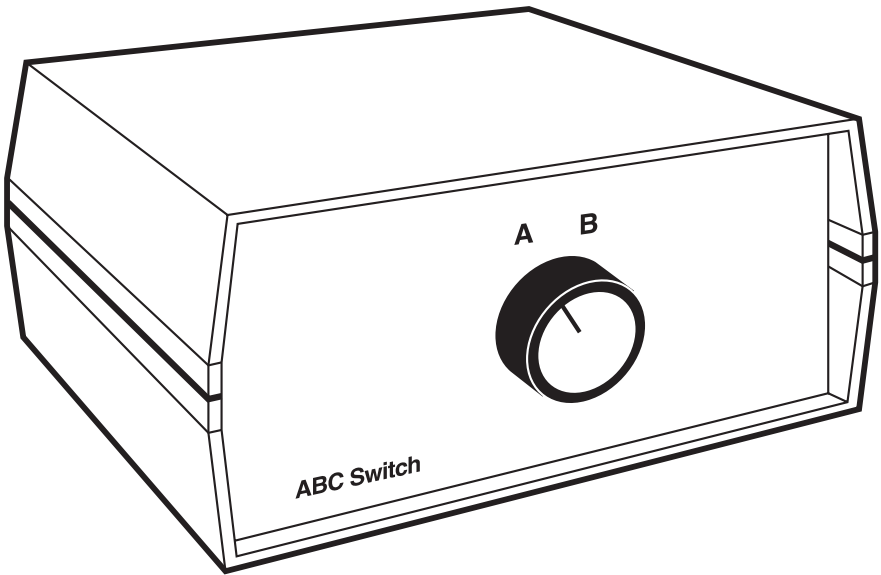




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ABC 5-Pin DIN Switch



**CUSTOMER
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1. Specifications

Switch—(1) Rotary, 2-position, break-before-make

Connectors—(3) 5-pin DIN female

Enclosure—High-impact plastic

Power—None required

Size—3.5"H x 6"W x 6.3"D (8.9 x 15.2 x 16 cm)

Weight—1.5 lb. (0.7 kg)

TRADEMARKS USED IN THIS MANUAL

Any trademarks mentioned in this manual are acknowledged to be the property of the trademark owners.

2. Introduction

2.1 Typical Application

With an ABC 5-Pin DIN Switch, you can switch one device between two devices (see **Figure 1**). A rotary switch on the front panel controls this operation.

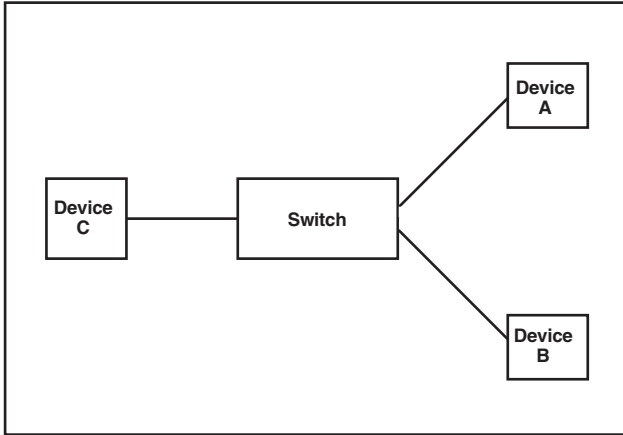


Figure 1. A Typical Application.

2.2 About the ABC 5-Pin DIN Switch

Three 5-pin DIN female connectors (labeled A, B, and C) are mounted on the Switch's rear panel (see **Figure 2**). Pins 1 through 5 are switched and the grounds are tied together. See **Figure 3** for the wiring diagram.

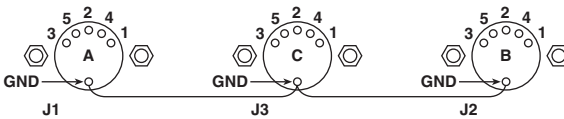


Figure 2. The Switch's Rear Panel.

SWITCH WIRING	
FROM	TO
S1-W1-3	J3-3
S1-C1-3	J1-3
S1-C1-4	J2-3
S1-W1-5	J3-2
S1-C1-5	J1-2
S1-C1-6	J2-2
S1-W1-9	J3-4
S1-C1-9	J1-4
S1-C1-10	J2-4
S1-W1-11	J3-1
S1-C1-11	J1-1
S1-C1-12	J2-1
S1-W2-3	J3-5
S1-C2-3	J1-5
S1-C2-4	J2-5
J1-GND	J3-GND
J3-GND	J2-GND

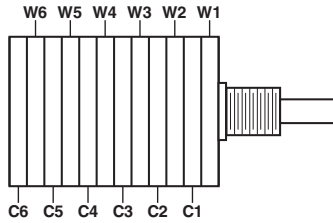
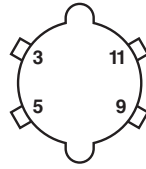
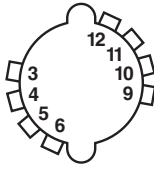


Figure 3. Wiring Diagram.

3. Installation

1. Connect the cable from the device you want to share to the “C” connector on the Switch’s rear panel.
2. Connect the cables from the devices that are to be switched to connectors “A” and “B” on the rear panel.
3. Set the rotary switch on the front panel as required (see **Chapter 4**).
4. The ABC 5-Pin DIN Switch is now ready for operation.

4. Operation

The rotary switch on the front panel controls the switching of the common connector “C” to connector “A” or “B” (see **Figure 4** and **Table 1**).

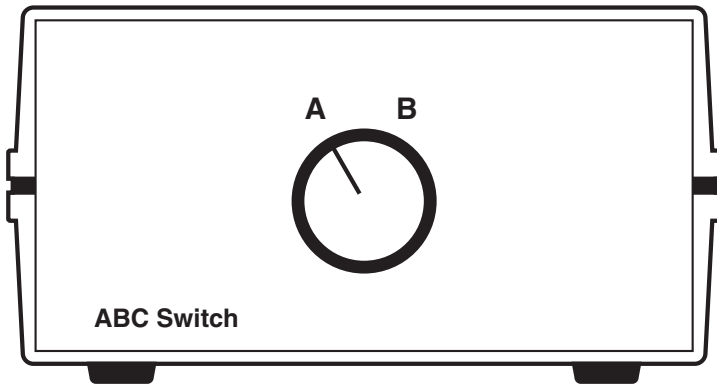


Figure 4. Front Panel.

Table 1. Switch Positions

Switch Position	Connection
A	Device “C” is connected to device “A”
B	Device “C” is connected to device “B”