

## DB25 Switches • ABC Lockable Switches, Key Operated



**Low-cost manual switches—  
including those that can protect your data.**

## FEATURES

- Share a peripheral between multiple PCs.
- Great for printer-sharing applications.
- Also perfect for sharing a modem between PCs. They're great for saving expensive line costs.
- No programming or complicated software required.
- Reliable—tested to 25,000 switching cycles.
- Guaranteed for life.

## OVERVIEW

You can save money without compromising quality and reliability. How? Share expensive equipment with one of our rock-solid switches. You'll save money on extra peripherals you don't really need and get a lifetime guarantee to boot.

Say you have four PC users in your office, and they all have to use a printer once in a while. How many printers do you need? Just one—when you connect every-one to an ABCDE switch.

It's just as easy to share a modem. With a flip of the switch, any of the four users can dial out.

Or use two different printers with the same computer. You could have a black-and-white printer for drafts and a color printer for final copies.

Whatever your application, we have a switch for you. **ABC switches** switch two computers (A and B) to one peripheral (C), or two peripherals to one computer.

**ABCDE switches** switch up to four computers (A, B, D, E) to one peripheral (C), or four peripherals to one computer.

**X switches** switch two computers to two peripherals, so two computers could share access to two printers, for example.

**6 to 1 switches** enable six devices using DB25 connections to share one common device.

Note that switches with 25 leads can be used in either serial or parallel applications. For all your options, see the next page.

- **EMI/RFI switches** have a noise-resistant case that enables you to use them in noisy industrial environments.
- **Monitor switches** have six LEDs: Transmit Data, Receive Data, Request to Send, Clear to Send, Data Set Ready, and Data Terminal Ready.
- **Key-operated lockable switches** prohibit unauthorized users from switching. They come with a lock and key, so if someone doesn't have the key, he or she can't turn the switch. That means your data is protected. Key-operated lockable switches are tested to 25,000-use cycles to ensure reliability.

And—best of all—you never have to replace any of these switches. We guarantee them—or their repair or replacement is on us.

## Technically Speaking

Black Box has nonpowered, low-cost manual switches for applications that don't require memory, buffering, or spooling. How do you choose a switch that's right for you? Just ask yourself three easy questions.

### Which connector style?

Before ordering a switch, find out what connectors are on your existing cables and computer equipment. This ensures that you can connect your new switch. Female connectors are standard on the switches featured in this document. On some models, male connectors are available; in some cases, there's an additional charge.

Also, a switch must be able to support the same pinning as your equipment. For example, of the 25 electrical leads in a DB25 connector, only 4 (or 12) of them might be active. Consult the operating manual that came with your computer equipment to determine how many (and which) leads your new switch needs to support.

### How many devices?

Figure out the number of devices you're connecting and how you want to connect them. That determines the specific kind of switch you need. With ABC switches, two users can share one peripheral, or a single user can choose between two devices. ABCDE switches enable four users to share one device or one user to choose from four peripherals. With X switches, two users can share two devices.

### How much space do I have?

We feature two switch sizes in this document: Chassis styles A and B. Both share the same width and depth dimensions. If vertical height is a consideration where you're placing switches, see our specifications on the next page.

## TECH SPECS

**Connectors** — SW034A: DB9 F;  
SW044A: DB15 F;  
All others: DB25 F

**Size** — Chassis Style A: 2.5"H x 6"W x 6.3"D (6.4 x 15.2 x 16 cm);  
Chassis Style B: 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)



SWL025A: top: rear view;  
bottom: front view

## Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

### Recognize any of these situations?

- You wait more than 30 minutes to get through to a vendor's tech support.
- The so-called "tech" can't help you or gives you the wrong answer.
- You don't have a purchase order number and the tech refuses to help you.
- It's 9 p. m. and you need help, but your vendor's tech support line is closed.

According to a survey by Data Communications magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

Don't waste time and money—call Black Box today.

Item	Code
ABC-25 (2 to 1) Switches, Chassis Style A (Specify gender.)	
25 Leads, Serial or Parallel (for PC Users)	<b>SWL025A</b>
12 Leads	<b>SWL088A</b>
4 Leads	<b>SW084A</b>
ABC-25 Monitor Switch, Chassis Style A (Specify gender.)	
24 Leads	<b>SW015A</b>
ABCDE (4 to 1) Switches, Chassis Style B (Specify gender.)	
25 Leads, Serial or Parallel (for PC Users)	<b>SWL026A</b>
12 Leads	<b>SWL058A</b>
4 Leads	<b>SW054A</b>
ABCDE EMI/RFI Switch, Chassis Style B (Specify gender.)	
25 Leads	<b>SWL024A</b>
ABCDE-25 Monitor Switch, Chassis Style B (Specify gender.)	
24 Leads	<b>SW055A</b>
X Switch (2 to 2), Chassis Style A (Specify gender.)	
25 Leads, Serial or Parallel (for PC Users)	<b>SWL027A</b>
12 Leads	<b>SW100A</b>
6 to 1 Switches, Chassis Style A (Available with female connectors only.)	
24 Leads, Parallel	<b>SW059A</b>
12 Leads, Serial	<b>SWL090A</b>
ABC Lockable Switches, Key Operated, Chassis Style B (Specify gender.)	
24 Leads, Pin 1 Tied Common, DB25	<b>SW020A</b>
DB9	<b>SW034A</b>
DB15	<b>SW044A</b>
<b>For optimum performance...</b>	
For DB25 applications:	
RS-232 Cable, 25-Conductor, 10-ft. (3-m) (Specify gender.)	<b>ECM25C-0010</b>
For DB9 applications:	
DB9 Extension Cable, 10-ft. (3-m), Male/Female	<b>EDN12H-0010-MF</b>
For DB15 applications:	
DB15 Thumbscrew Cable, 10-ft. (3-m), Male/Male	<b>EGM16E-0010-MM</b>