

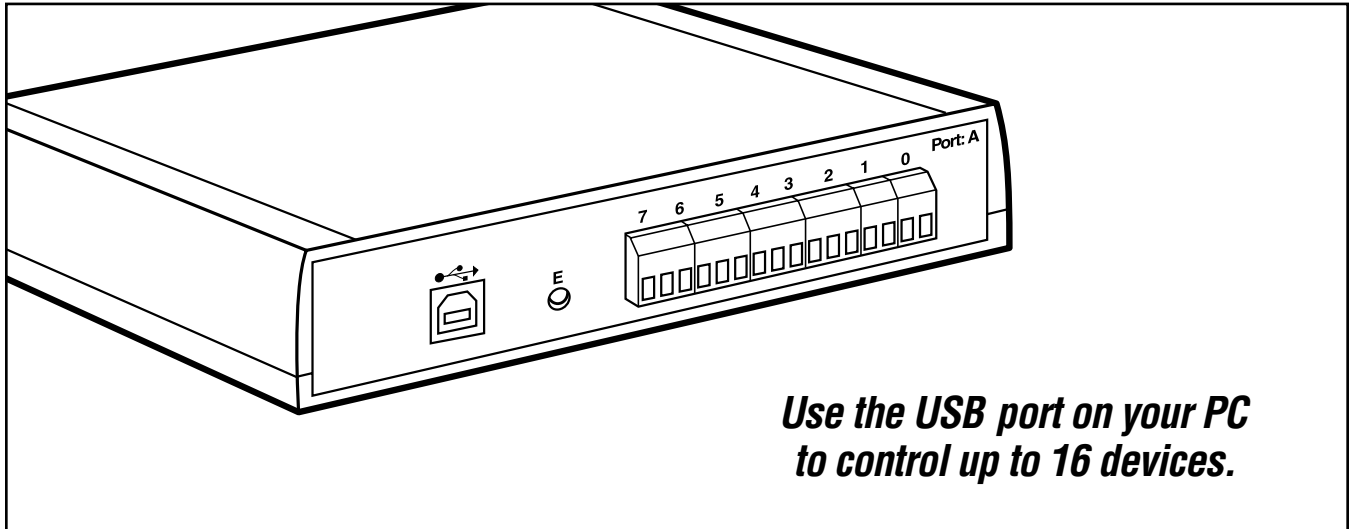


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# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

### USB TO 16 DIO CHANNEL CONTROLLER



*Use the USB port on your PC to control up to 16 devices.*

#### Key Features

- ▶ **Hot-swappable.**
- ▶ **Auto-configuration.**
- ▶ **Provides two sets of SPST relays, 8 per set.**
- ▶ **Uses highly reliable, 10-VA DIP reed relays.**
- ▶ **Onboard removable screw terminals.**
- ▶ **Compatible with third-party, PC-based control programs.**

Control up to 16 devices from a single USB port on your PC.

The USB to 16 DIO Channel Controller provides 16 outputs, which can be used for PC-based control and automation of equipment. Perfect for low-current applications, these reed-relay outputs provide high-quality, long-life, low-current (10 watt [VA] maximum), dry-contact switch closures. The reed relays are in two sets, with 8 relays per set.

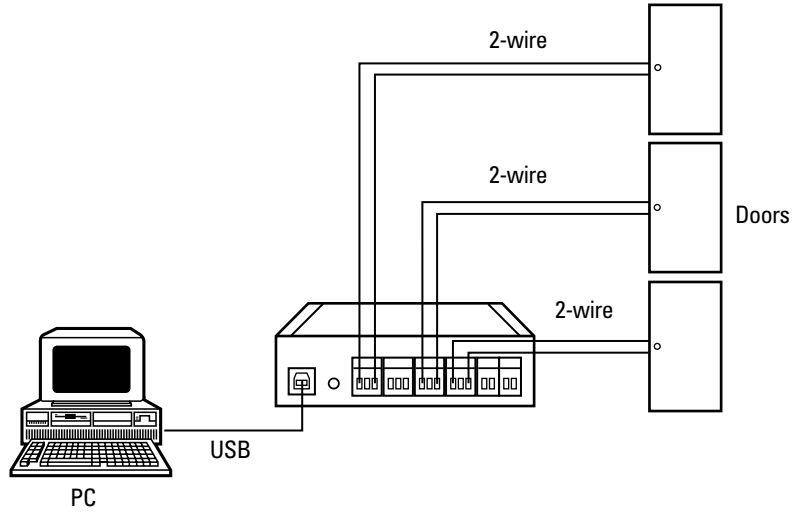
Thanks to the controller's unique serial string naming feature, multiple USB digital I/O devices can retain their specific identity within the system.

Installation is easy, too. You don't even have to power down your equipment when installing or removing the controller since it's hot-swappable. Plus, onboard removable screw terminals simplify wiring connections.

You won't have to purchase software, either, since the controller works with many third-party, PC-based control programs that you probably already own.

For a neat and compact installation, mount the controller on DIN rails in a rack. DIN rail mounting clips are included.

**Use the USB to 16 DIO Channel Controller to lock or unlock electrical door openers.**



**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.

**Specifications**

**Number of Channels:** 16

**Relays:** (16) SPST relays;  
 Contact power ratings:  
 10 watts (VA) maximum;  
 Contact voltage maximum:  
 100 volts DC or AC;  
 Contact current maximum:  
 0.5 amps DC or AC RMS;  
 Contact resistance, initial:  
 0.15 ohms

**Connectors:** (1) USB Type B,  
 (2) 16-screw terminal blocks

**Indicators:** (1) Enable LED

**Temperature Tolerance:**  
 Operating: 32 to 158°F (0 to 70°C);  
 Storage: -58 to +221°F (-50 to +105°C)

**Relative Humidity:** Up to 90%, noncondensing

**Power:** USB powered

**Size:** 1.75"H (1U) x 6.3"W x 1.7"D (4.4 x 16 x 4.3 cm)

**Weight:** 1 lb. (0.5 kg)

**Ordering Information**

ITEM	CODE
USB to 16 DIO Channel Controller .....	IC1016A

