



# PCI Express 16 Reed Relay Output Digital Interface

**Part:** 8003EC | **Model:** REL-16.PCIe

The 8003e PCI Express digital I/O interface provides 16 Reed relay outputs. The outputs provide high quality, long-life, dry contact switch closures suitable for low-current applications up to 10VA. Reed relays are normally open and close when energized. The board is PCI Express X1 compliant and is compatible with any PCI Express slot.

Also included is a 72-inch cable with a DB78 male connector to DB37 male connector (Item# CA490), and optional terminal blocks simplify testing and field wiring. Standard operating temperature range is 0°C to 70°C.

Sealevel SealO Classic software drivers and utilities make installation and operation of the 8003e easy using Microsoft Windows operating systems. Software for standard PCI boards will also work with PCI Express boards, simplifying your transition to this next-generation PCI bus.

Get a jump start on your digital I/O development with The Digital I/O Handbook that will provide helpful information that you will use again and again. Check out Chapter 1 for an overview of logic principles.

## Features & Specifications

### PCI Express 16 Reed Relay Output Digital Interface

Part: 8003EC | Model: REL-16.PCIe

#### Features

- Compliant with RoHS and WEEE directives
- PCI Express X1 compliant
- 16 Reed relay outputs (SPST)
- Highly reliable 10VA DIP Reed relays
- Power (+5V and +12V) and ground provided on DB78 board connector
- Includes 72" cable with DB78 Male connector to DB37 Male connector (Item# CA490)
- SealIO Classic software supports Microsoft Windows operating systems
- Software support for Linux available

#### Specifications

<b>Board Connector</b>	DB-78F
<b>Cable Connector(s)</b>	(1) DB-37M
<b>Contact Current</b>	500 mA
<b>Contact Voltage</b>	100 VDC/VAC
<b>Digital I/O</b>	Reed Relay Outputs
<b>Extended Temperature</b>	Call for Options
<b>Humidity Range</b>	10 – 90% Relative Humidity, Non-Condensing
<b>Host Interface(s)</b>	PCI Express
<b>Number of Inputs/Outputs</b>	16 Outputs
<b>Operating Temperature</b>	0°C to 70°C (32°F to 158°F)
<b>Output Specification</b>	10VA (10W)
<b>PC Bracket</b>	Standard Height
<b># of Ports</b>	16
<b>RoHS Compliant</b>	Yes
<b>Storage Temperature</b>	-50°C to 105°C (-58°F to 221°F)