



Model JSB-340

USB Small Form Opto In Relay Out Module

The JSB-340 USB Small Form Opto In / Relay (SPDT) Out module provides 4 optically isolated inputs for connection to user devices such as sensors or switches. The inputs sense DC voltage that can be read from the host PC, while providing optical isolation, which eliminates surges present in industrial environments from effecting the host PC. The 2 or 4 SPDT relays outputs provide host control between a common line and normally open and close connection point. The JSB340 Opto IO interface is easy to use from Visual Basic and Visual C++ via a standard windows DLL with sample source included. Any programming language that supports calls to Windows DLL can also be used to control the opto isolator. Each module has an unique serial number string which allows multiple USB boards to be controlled by the host USB controller as individual USB devices.

Features

<ul style="list-style-type: none"> ■ Relay Outputs • Form 'C' (SPDT) • DC ratings: 2A @ 30VDC • Max DC Voltage 110VDC@ .5A • Max switching power 60W • Contact Resistance: 75mOhm Max • Contact Breakdown 750Vrms • Isolation: 60dB @ 10MHz • Material Gold-clad silver alloy 	<ul style="list-style-type: none"> • Reverse protection diodes • True ground Isolation in groups of 2 input • Opto Isolation 2500 VDC ■ Operating Temperature -30C to 70C ■ Self powered from USB ■ Windows 98/ME/2000/XP Software drivers ■ USB test cable included ■ Unique Serial Number Strings ■ Weight 4 oz ■ Sample applications for VB, VC++,VB.net
<ul style="list-style-type: none"> ■ Opto-Isolated Inputs • 0 - 30V range with 10V switch pt • 0 - 15V range with 3.5V switch pt 	<ul style="list-style-type: none"> ■ Third party program compatibility

Ordering Information

Model Number	Description	Cost each
JSB340-2404	USB 4 Input(0-30V) 4 Relay 2A Module	\$95.00
JSB340-2402	USB 4 Input(0-30V) 2 Relay 2A Module	\$80.00
JSB340-504	USB 4 Input(0-15V) 4 Relay 2A Module	\$95.00
JSB340-502	USB 4 Input(0-15V) 2 Relay 2A Module	\$80.00

Accessory Items

The following items are offered as a customer convenience, there are many sources of compatible products

AY-AB-06	USB 6 foot cable	\$3.00
----------	------------------	--------

Specifications subject to change without notice

J-Works,Inc

11024 Balboa Blvd. #402
Granada Hills, CA 91344
818 364-0915 voice 818 364-0912
sales@j-works.com
web site: www.j-works.com