

JSB311 USB Opto IO (Latching input) DPDT



The JSB-311 USB Opto Isolator In / Relay (DPDT) Out module provides 1 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 input is user programable to latch on either the rising or falling edge of the input. The 1 DPDT relay outputs provide host control between a common line and normally open and close connection point. Standard module has on board terminal block (screw type) connections (right picture). Optional Molex KK series of 2 piece pluggable connectors available (left picture).



Features

Relay Outputs

Form C (SPDT)
 DC ratings: 2A @ 30VDC max power 60W
 Max DC Voltage 110VDC @ .5A
 Contact Resistance: 200mOhm Max
 Contact Breakdown 750Vrms
 Isolation: 60dB @ 10MHz

Weight 4 oz

Third party program compatibility

USB test cable included (3" long)

Self powered from USB

Opto-Isolated Inputs

0 - 60V range with 20V switch pt
 0 - 30V range with 10V switch pt
 0 - 15V range with 3.5V switch pt
 Reverse protection diodes
 True ground Isolation
 min latching pulse width 250nsec
 Opto Isolation 2500 VDC

Sample applications for VB, VC++, VB.net

Optional 2 piece Molex KK series connectors (0.100 spacing)

Operating Temperature -30C to 70C

Ordering

Model Number	Description	Cost Each	Qty 10-49	Qty 50-99
JSB311-15TB	USB 1 Input(0-15V) 1 Relay 2A Module (on board Terminal Block)	\$62.00	\$ 57.75	\$ 52.75
JSB311-30TB	USB 1 Input(0-30V) 1 Relay 2A Module (on board Terminal Block)	\$62.00	\$57.75	\$52.75
JSB311-60TB	USB 1 Input(0-60V) 1 Relay 2A Module (on board Terminal Block)	\$67.00	\$62.50	\$57.75
JSB311-15KK	USB 1 Input(0-15V) 1 Relay 2A Module (molex KK header)	\$52.00	\$48.50	\$44.25
JSB311-30KK	USB 1 Input(0-30V) 1 Relay 2A Module (molex KK header)	\$52.00	\$48.50	\$44.25
JSB311-60KK	USB 1 Input(0-60V) 1 Relay 2A Module (molex KK header)	\$57.00	\$53.00	\$48.50
Optional Items				
JSB311-LINUX	Linux Support Disk (one time purchase)	\$30.00	\$30.00	\$30.00