Dual Relay Board

Description

The Dual Relay Board allows you to control larger loads and devices like AC or DC motors, electromagnets, solenoids, and incandescent light bulbs.

Note: This board is not suitable for switching signals. It takes at least 100mA of current to bridge the oxide layer that forms on the relay contacts, and most signals will not meet this requirement. If you need to switch signals, check out the 1017 – PhidgetInterfaceKit 0/0/8.

Product Specifications

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Physical Properties	
Switch Type	SPDT
Switching Speed Max	20 cpm
Recommended Wire Size (Control)	16 – 26 AWG
Recommended Wire Size (Load)	12 – 24 AWG
Operating Temperature Min	0 °C
Operating Temperature Max	70 °C
Board	
Controlled By	Digital Output (5V)
Current Consumption Min	14 mA
Current Consumption Max	180 mA
Supply Voltage Min	3.3 V DC
Supply Voltage Max	12 V DC
Electrical Properties	
Dielectric Strength	1.5 kV AC
Contact Resistance Max	100 mΩ

Load Voltage Max (DC)	* 30 V DC
Load Voltage Max (AC)	277 V AC
Load Current Min	100 mA
Load Current Max (DC)	7 A
Load Current Max (AC)	12 A
Turn-on Time Max	10 ms
Turn-off Time Max	10 ms

Customs Information

Canadian HS Export Code	8473.30.00
American HTS Import Code	8473.30.51.00
Country of Origin	CN (China)