

# Solid State Relay Phidget



Capable of switching up to 10 amps of current in either AC or DC, If you're looking for a convenient way to control power for a circuit or device up to a maximum of 30V, this is the Phidget you need. Solid state relays switch silently and quickly, and last much longer than mechanical relays. This Phidget is isolated from input to output, so you don't have to worry about damaging your VINT Hub or computer if you have a power surge on the load side.

## **Connection**

This Phidget can be controlled with a VINT Hub. For more details, see the Connection & Compatibility tab.

## **Product Specifications**

### **Board Properties**

Controlled By                      Digital Output (5V)

### **Relay Properties**

Turn-off Time Max                50 ns

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### **Electrical Properties**

Current Consumption Max 20 mA

Isolation Voltage (AC) 3.8 kV AC

Load Voltage Max (AC) 30 V AC

Load Voltage Max (DC) 30 V DC

Load Current Max (AC) 10 A

Load Current Max (DC) \* 10 A

\* – If you need to switch a DC circuit at over 10A, take a look at the technical section of the user guide for wiring that will permit up to 20A.