

USB Isolator



Product Description

The USB Isolator is designed to protect your PC from harmful voltage that can flow from devices attached to your PC through the USB cable. The isolator is inserted between the Phidgets board and your PC.

The USB Isolator can also be used to eliminate problems caused by ground “voltage” differences between USB Host and USB devices. The USB Isolator can be very useful for stabilizing systems. Have a look at the technical information section of the User Guide.

Product Specifications

Electrical Properties

Isolation Voltage (DC)	1 kV DC
USB Voltage Min	4.5 V DC
USB Voltage Max	5.4 V DC
Available External Current	350 mA
Current Consumption Min	29 mA
Available External Voltage	5 V DC
Voltage Regulator Efficiency	73 %

Physical Properties

Operating Temperature Min	-40 °C
Operating Temperature Max	65 °C

Enclosure

You can protect your board by purchasing the 3823 – Acrylic Enclosure for the 3060.

