

Fiso-UA USB Isolator Manual



● Function

Fiso-UA USB isolator using advanced magnetic isolation technology, your computer's USB port electrical isolation, can effectively eliminate the transient voltage on the bus or the ground voltage difference, to prevent static electricity, lightning, power surges and ground circulation damage when a computer or device and cause data errors.

● Features

Isolation voltage: 3000V.

Isolation chip: ADI's ADUM4160 magnetic separation chip.

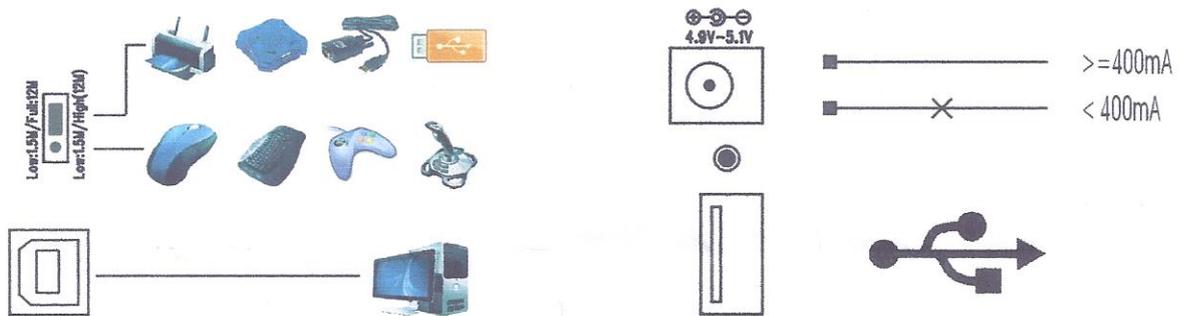
Power isolation module: 5V-5V/2W/400mA regulated output; 3000V isolation voltage.

Transfer rate: Low-speed/Full-speed optional, Full-speed gear compatible with High-speed.

Low-speed: 1.5M; Full-speed: 12M; High-speed: 12M.

Note: When you select High-speed mode, will be run in compatibility mode, the actual rate is 12M.

● Instructions



PC USB Interface: This interface is connected to a computer USB port.

Speed selection jumper: connection such as a keyboard, mouse and game peripherals and other low speed devices, set jumper is set to Low: 1.5M; other conditions set jumper is set to Full: 12M and High (12M).

Isolated side USB Interface: This interface connects to USB devices.

LED indicator: When the PC USB connection, the indicator lights.

Added power outlet: When a USB device current consumption $\geq 400\text{mA}$. You need to add power to this outlet. Required power supply voltage between 4.9V-5.1V.