Description

The ProLon PL-485-USB is a compact, isolated USB to RS485 converter which allows you to add an asynchronous serial port to your PC. The built-in 2kV isolation protects your PC from dangerous ground loops. This converter has two physical RS485 interfaces for your convenience. The first is standard removable screw type terminal block for 2-wire RS485 twisted pair connections. The second is a customized RJ45 jack which allows for simple plug-and-play connections to various ProLon controllers using any standard patch cable.

Features

- Built-in LEDS for transmit and receive
- Removable screw type terminal block for DATA+,DATA- and GND terminals
- Custom RJ45 jack for plug-and-play connection to ProLon controllers
- 2kV USB Isolation
- High retention USB port

Technical Specifications

Operating Temperature: 0 to 70 ^{o}C (32 to 158 ^{o}F)

Isolation: 2 kV

Power: USB Bus Powered (less than 100 mA)

USB Connector: Type B

RS-485 Connector: Removable Terminal Block and RJ45 Jack

Mode: RS-485, 2-Wire (DATA+, DATA-)

Data Rate: up to 460.8 Kbps

USB Compatibility: USB 2.0 at 12 Mbps

Emissions: FCC Class B, CISPR Class B (EN55022)

CE: Light Industrial EN61000-6-1