

FIT0832 Isolated USB To RS485 Converter

Product Overview

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For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

DFRobot FIT0832 Isolated USB To RS485 Converter is an industrial-grade USB to RS485 module with a DC voltage output of up to 36V. This converter applies to industrial instruments that require a high-voltage power supply. The USB to RS485 converter conforms to the USB 2.0 standard (downward compatible) and the RS485 standard and supports Windows 98/ME/2000/XP/7/8/10/Vista and Mac operating systems.



The USB to RS485 converter comes with built-in 15KV ESD protection and a maximum of 600W lightning surge protection. This converter adopts a self-recovery fuse + TVS protection circuit in terms of over-current and over-voltage protection to extend the service life of the module. The USB to RS485 converter features plug-and-play, hot-swappable, and built-in lightning surge protection.

Features

- Plug-and-play
- Hot-swappable
- Built-in lightning surge protection

Specifications

- 300kbps to 921.6kbps adaptive baud rate range
- Applicable systems:
 - Windows 98/ME/2000/XP/7/8/10/Vista
 - Mac
- 36V maximum input voltage
- Supports over-current, over-voltage, and reverse connection protection
- 96mm x 50mm x 31mm / 3.78" x 1.97" x 1.22" dimensions

Mouser Part Number

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To learn more, visit <https://www.mouser.com/new/dfrobot/dfrobot-fit0832-usb-to-rs485-converter/>