

Industrial optical to RS485 bus module



Overview

The hub provides star RS485 bus connection, and each port has short-circuit and open-circuit protection. Its transmission reaches up to 115. In order to ensure the safety and reliability of data communication, the RS485 interface adopts photoelectric isolation technology to prevent the lightning urges from being introduced into converters and equipment. Purchase this product and earn 699 reward points, which are tied to VIP membership program. [Learn More >](#) This 4-Port RS485 bus split hub is. DFRobot Industrial RS485 Opto-Isolated Hub is a 4-Port RS485 bus split hub designed to meet RS485 requirements in complex electromagnetic environments. This. This manual describes the optical fiber converter for the conversion of optical and electrical signals for SIPROTEC devices and includes information about device properties, connection options as well as information about the device configuration. In order to protect technical infrastructures. Explore our portfolio of basic and reinforced isolated RS-485 and isolated RS-422 transceivers based on a proprietary silicon dioxide (SiO₂) insulation barrier for industry-leading performance. This family of products integrates the functionality of a digital isolator and RS-485 or RS-422.



Article Content

Gateway / Multi-drop Fibres Optic Converter

Benefits: Resistant to harsh environmental specifications Designed for serious use
Very easy to configure Low cost Rail din mountable Isolation between Power

The DL485

The fiber optic systems DL485 connect field bus systems with RS485 interfaces. Optical linking allows safe data transfer and is suitable for MODBUS, MODNET-1/SFB, BIT-BUS, SAIA-S-BUS and several

RS-485 I/O Modules

RS-485 I/O modules are essential for modern industrial automation, providing reliable data acquisition and control over long distances. These

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This manual describes the optical fiber converter for the conversion of optical and electrical signals for SIPROTEC devices and includes information about device properties, connection options as well as

Isolated RS-485 transceivers | TI

Learn how integrated isolated RS-422 and RS-485 transceivers deliver reliable communication while reducing significant board space compared to traditional optocoupler-based solutions. Explore

The RS-485 Design Guide (Rev. D)

The RS-485 bus is a distributed parameter circuit whose electrical characteristics are primarily defined by the distributed inductance and capacitance along the physical media, which includes the

Industrial grade optical isolation 4-port RS485 hub

YT-6204 is a 4-port industrial grade optical isolation RS-485 hub. The YT-6204 4-port optical isolation 485 hub can provide a more flexible RS-485 star bus structure.

Instructions for Use of Industrial RS485 Opto-isolated Hub

The hub provides a star RS485 bus connection, and each port has short-circuit and open-circuit protection. The optical isolation voltage is up to 2500V, and users can easily improve the RS485 bus

Opto-Isolated RS485 4-Port Hub / Splitter Industrial

The hub provides star RS485 bus connection, and each port has short-circuit and open-circuit protection. The optical isolation voltage is up to 2500V, and users

RS232 / RS485 / RS422 to Fiber Optic Converters

Rugged industrial-grade RS232 / RS485 / RS422 to fiber optic converter. Transmits serial data (RS232, RS485 or RS422) over long distances through fiber links (multi-mode: 3 miles or 5 km). Standards

Instructions for Use of Industrial RS485 Opto-isolated Hub

for Use of Industrial RS485 Opto-isolated Hub 1. Overview This 4-Port RS485 bus split hub is specially designed to meet the requirements of RS485 I. rge-scale systems in complex electromagne.

System overview RS232 and RS485 | Beckhoff Worldwide

The classic serial interfaces, RS232 and RS485, continue in wide use. The Beckhoff RS485/RS232 I/O modules use a simple, published serial

RS-485 I/O module, RS-485 I O module

Find your rs-485 i/o module easily amongst the 118 products from the leading brands (Advantech, RIELLO, ASCON, ...) on DirectIndustry, the industry

RS-485 (Modbus) Multi-Drop Bus Fiber Optic Converter

The RS-485 Multi-Drop Bus Fiber Optic Modem series products provide an optical bus network for RS-232, RS-422 or RS-485 data interfaces over a pair of

Industrial RS485 Opto-Isolated Hub | Buy in Australia

It is a data interface conversion module with excellent performance. The hub provides star RS485 bus connection, and each port has short-circuit and open

RS485 Modbus: A Comprehensive Guide to Industrial Communication

In conclusion, RS485 and Modbus protocols are indispensable for modern industrial communication. From understanding their fundamental principles to building networks, ensuring reliable data

USB to RS485

Explore Coolgear's comprehensive selection of USB to RS-485 adapters, designed to deliver exceptional serial communication for industrial and commercial

Isolated RS-485 transceivers | TI

Explore our portfolio of basic and reinforced isolated RS-485 and isolated RS-422 transceivers based on a proprietary silicon dioxide (SiO₂) insulation barrier for industry-leading performance. This family of

RS485 fiber converter

2-CH RS485 fiber converter Model: IDM-3152- (SC/FC/ST) Communication speed: 0~200KBPS Supply voltage: DC12~36VAC18~30V@Max (300mA) Protection: Interface provides 600W surge protection

Profibus to fiber optic converters, DL485-PB/DL485-PBR

The DL485-PB systems stand out as robust solutions connecting ProfiBus field bus networks via fiber optics, introducing innovative capabilities for diverse network architectures. These converters enable

Isolated USB to RS485 / RS422 Converter / Adapter

DESCRIPTION The USB-ISO-485 is an industrial-grade bi-directional USB powered 2500V opto-isolated USB to RS485/RS422 converter, which makes a

Industrial Isolated Multi-Bus Converter, USB / RS232 /

FAQ for the Industrial Isolated Multi-Bus Converter covering usage, compatibility, protection features, and maintenance.

RS-232 & RS-485 Interface | Analog Devices

Analog Devices' RS-485 solutions meet true multipoint specifications, supporting up to 32 drivers and receivers on a 2-wire bus—with select transceivers enabling up to 8× more node connections.

Opto-Isolated 8-Port RS485 Hub / Splitter (Industrial)

The HUB-485-8 is a rugged, industrial-grade, optically-isolated, 8-Port RS485 Hub / Splitter, which can be used to expand RS-485 networks by splitting one RS-485

RS-485 & RS-422 transceivers product selection | TI

Select from TI's RS-485 & RS-422 transceivers family of devices. RS-485 & RS-422 transceivers parameters, data sheets, and design resources.

Industrial RS485 Opto-Isolated Hub

DFRobot Industrial RS485 Opto-Isolated Hub is a 4-Port RS485 bus split hub designed to meet RS485 requirements in complex electromagnetic

Industrial Rs485 Opto-isolated Hub

The hub provides star RS485 bus connection, and each port has short-circuit and open-circuit protection. The optical isolation voltage is up to 2500V, and users

Industrial RS485 to USB Converter with Optical

Optically isolated industrial grade RS485 to USB converter ideal for most industrial applications and environments. Isolation protects the RS485 to USB converter

Industrial RS232 to RS485 converter, optoisolation

RS232 to RS485/422 converter, 2500V isolation, 9VDC. The Model485P is a high performance, multifunctional RS-232/485/422 interface converter. The product

Contact Us

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