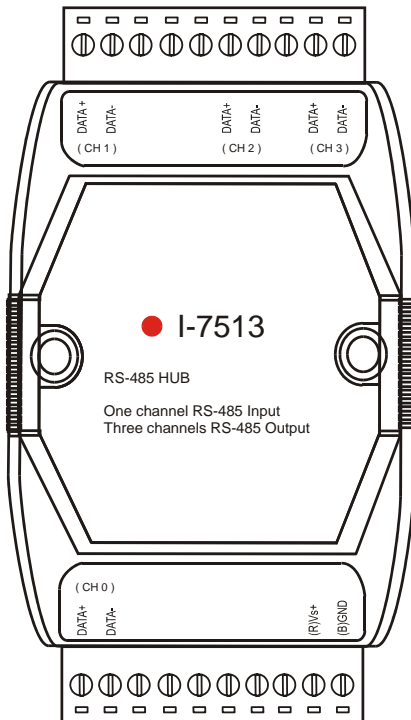

5.4 I-7513:

5.4.1 Pin Assignment and Specifications:



Introduction

I-7513 is 3-Channel RS-485 Active Star Wiring Hub. The unit has 3 independent RS485 output channels each with their own driver, which can transmit signals along 4,000 ft (1.2Km). Of cable on each channel.

I-7513 includes both Hub and Repeater function. So each output channel can be connected another hub.

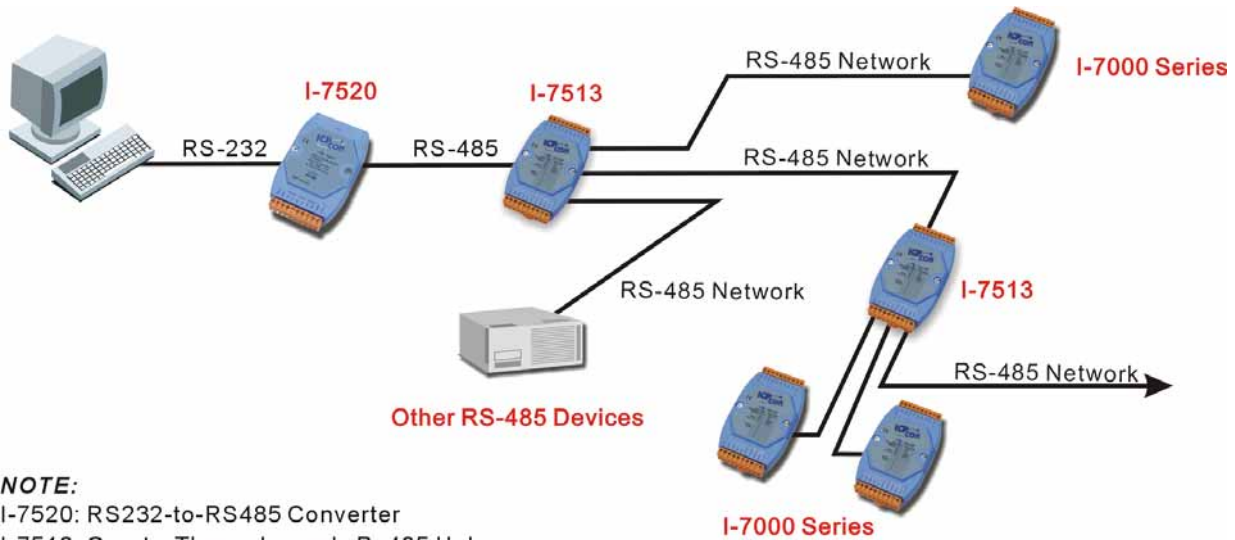
The isolation site of I-7513 is located in the input and output interface circuit. In other words, I-7513 is three-way isolation module.

Specifications

- Input: one port RS-485, (D+, D-)
- Output: three-port RS-485, (D+, D-)
- Speed: "Self Tuner" inside, auto switching baud rate, from 300 to 115200 bps
- Isolation voltage: **Three-way 3000Vdc**
- Connector: plug-in screw terminal block
- Power requirements: +10V dc ~ +30V dc
- Power consumption: 2.2W(Max)
- Each channel on the hub is driven by its own RS-485 driver.
- Each channel maximum line length about of 4000 ft.

5.4.2 System Network Configuration:

- Multiple Baud Rate
- Multiple Data Format



5.4.3 Block Diagram:

