

ISOUSB485 is an USB 2.0 to RS485 isolated serial converter. The converter provides an USB 2.0 interface based on FT232RL chipset from FTDI. The USB port driver is available on the FTDI website www.ftdichip.com.

The RS485 interface is primary intended for the configuration and command of the Westline motor controllers in the SmartDRIVE family and provide half duplex connection up to 1.25 Mbaud.

The USB port supplies the power and a DC/DC converter supplies the insulated section.

Advantages

- Power supply derived from USB port
- Easy connection
- Compact 45×32×20 mm
- Baud rate up to 1.25 Mbaud
- Galvanic isolation 1 Kvolt
- Cost effective
- Serial port emulation

Applications

- General applications RS485 isolated serial port
- Smart DRIVE modules control and configuration
- Motor control with multi axis applications
- Special machines



Technical Specifications

USB Interface

Connection	USB 1.1 or USB 2.0
Baud rate	max. 1.25 Mbaud
Power supply5V by USB

RS485 Interface

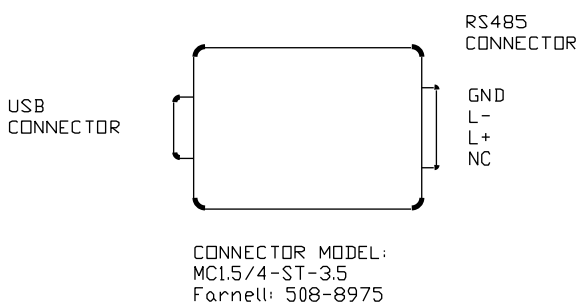
Communication	half duplex
Transceiver	industry standard 485
Baud rate	max. 1.25 Mbaud
Line L+	resistor pull-up
Line L-	resistor pull-down
Termination resistor	not installed [†]

[†] on request

Order Code

ISOUSB485

External Connections



Dimensions (mm)

