Kinematics
Kinematic Controls Limited

13 Spring Street,Papatoetoe, Auckland, NEW ZEALAND
P.O. Box 23-293, Papatoetoe, Auckland NEW ZEALAND
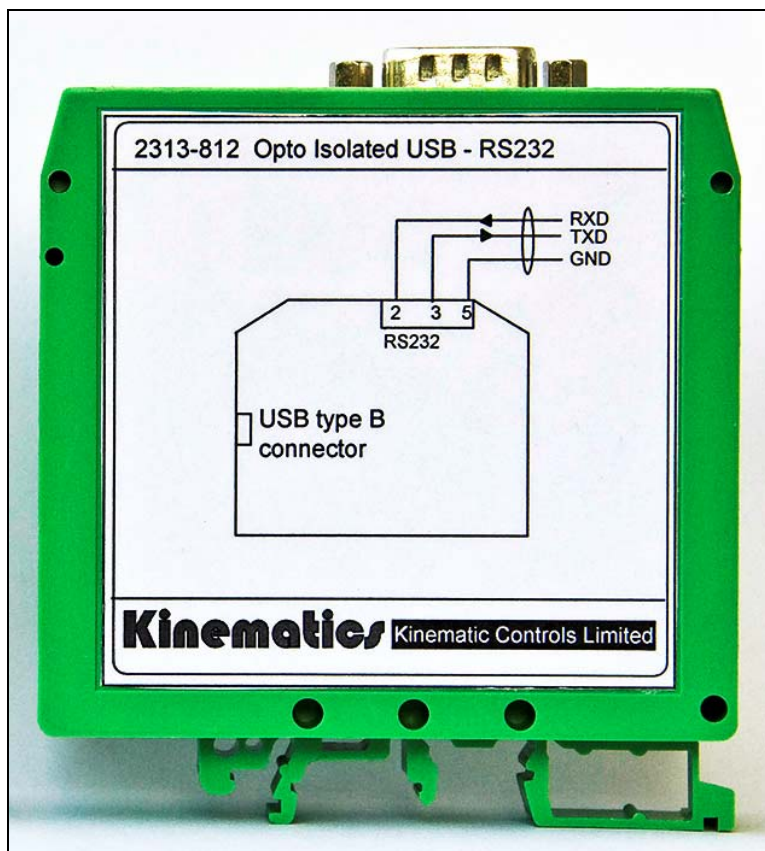Tel 64-9-277 9866, FAX 64-9-279 8286

CommOptic Model 2313-812 Optically Isolated Din Rail Mounting USB to RS232 Protocol Converter

The CommOptic model 2313-812 provides conversion from USB to optically isolated RS232 transmit and receive circuits.

Specifications

Power Supply:
Powered via the USB connector

Max Baud Rate:
115,200 bps

USB Connector: type B

RS232 Connector: 9 pin male DB9P
      Pin 2 = RXD Receive input
      Pin 3 = TXD Transmit output
      Pin 5 = GND Common connection

Indicators:
      LED Indicators are provided for Transmit and Receive signals

Dimensions:
      90mm high X 80mm width X 25mm thick (ie rail width)

Installation

The Model 2313 employs an FT232R series USB to serial device manufactured by FTDI
To install the Model 2313 as a VCP (Virtual COM Port) carry out the following setup
according to the target operating system.

A. Windows XP or Vista

Connect via the USB cable to the PC and Windows should automatically find and
configure the Model 2313 as a new serial port.
If required a current set of drivers and setup guide can be found in the WinXP-Vista folder
on the accompanying CD.

B. Windows 98

Connect via the USB cable to the PC and load the drivers in the Win98 folder on the
accompanying CD. Refer to page 8 section 2.2 of the Windows 98 Installation guide for
details on how to install as a VCP (Virtual COM Port). This installation guide can be found
in the Win98 folder on the accompanying CD.

C. Other Operating Systems

For other operating system such as Mac OS, Linux, Windows CE etc refer to the VCP
(Virtual COM Port) drivers section on the FDTI site http://www.ftdichip.com/ The site will
have the most up to date and any new drivers.

Jumper Link Settings

None of the jumper links are required for RS232 operation.