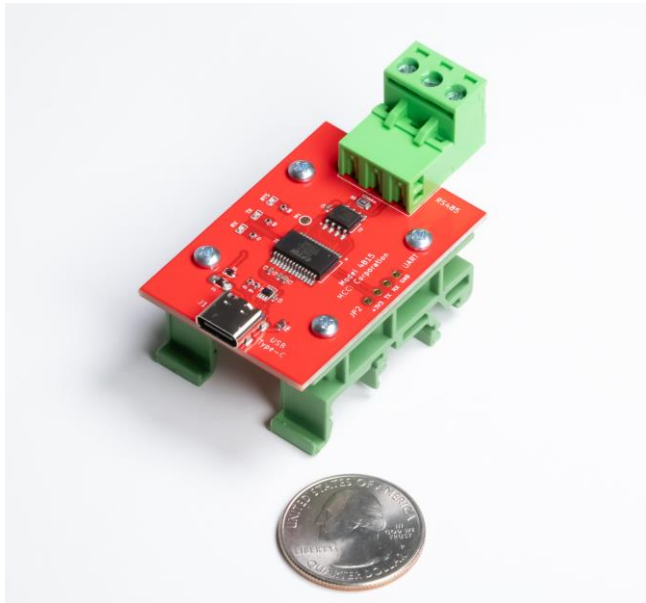




Model 4815 USB Type-C to RS-485 Converter board-with DIN rail mount



The MCCI® Model 4815 is a USB Type-C® to RS-485/Modbus adapter designed for industrial applications. It combines an industry-standard FTDIchip FT232RL USB UART adapter with a Texas Instruments SP3485 RS-485 transceiver.

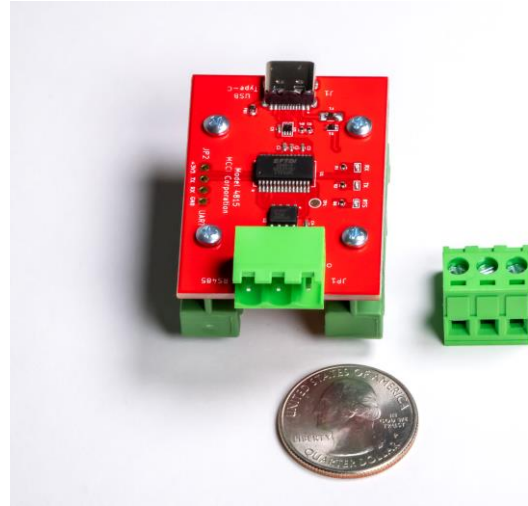
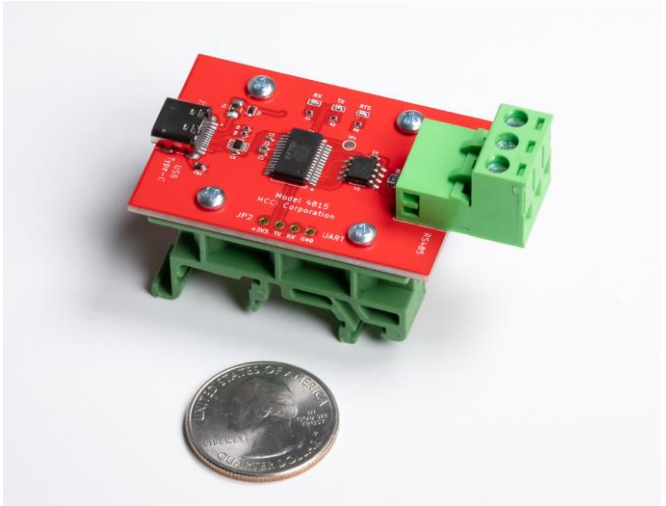
The Model 4815 comes assembled with clips, and mounts directly on 35 mm IEC/EN60715 DIN rails. The clips also accommodate miniature top-hat rails (15 mm x 5.5 mm) and some G-style rails.

The Model 4815 enumerates as a virtual COM port on Windows 10, macOS, and many Linux and Android systems, using the built-in drivers of those operating systems; no driver install is required. The FT232RL automatically controls the transmission mode of the RS-485 transceiver without software intervention.

The Model 4815 converter board includes the USB UART, RS-485 conversion chip, TX/RX/RTS LEDs, USB Type-C Connector, ESD protection for USB data line, an over-current protection fuse, a robust screw-terminal connector for the RS-485 signals, and breakout for power and data signal lines.

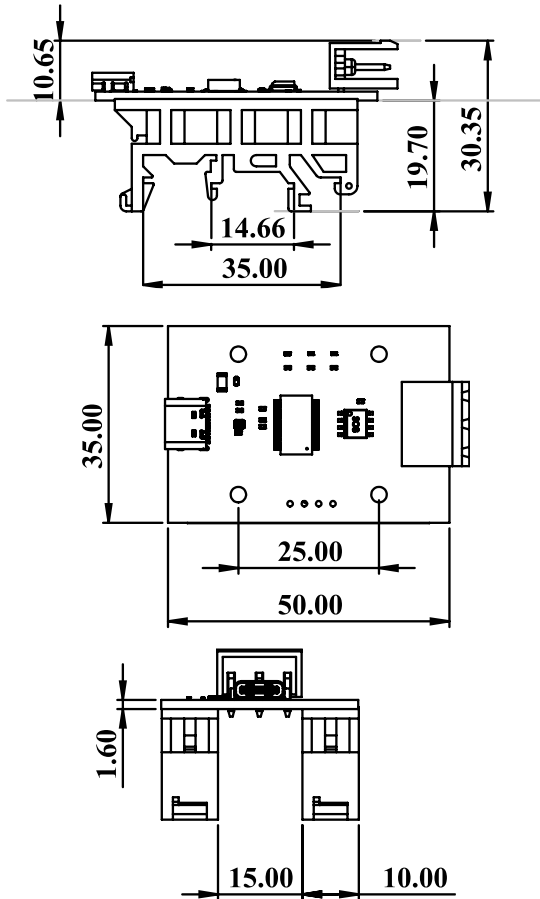
Features

- USB Type-C Connector
- Full-speed USB 2.0
- RS-485 connection via 3-position 5mm pitch (0.197") terminal-block header and plug with L-slotted screw terminals
- Baud rates from 110 to 921,600
- DIN rail mount; clips may be removed for panel mount
- Standard 2M module width (35 mm)
- Bus powered, operates from the USB supply; needs no external power supply
- RX, TX, and RTS LED indicators; RTS lights to indicate successful enumeration
- 3.3V power and RX/TX lines broken out to a 0.1" pitch (2.54mm) header
- 120 ohm termination resistor integrated (disabled by default)
- Operating temperature range: 0 to 70 degrees C.
- Operating relative humidity 5% to 90% non-condensing.
- Input power 4.5V to 5.25V, 100 mA.
- PCB dimensions: 50 mm x 35 mm.
- Length with screw terminal plug attached: 63 mm.

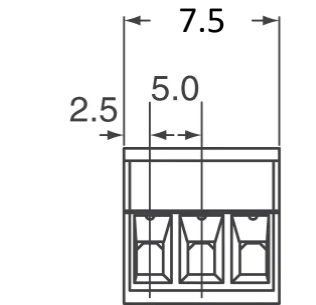


Dimensions

DIN rail mount



Screw terminal



More Information

For more information, please contact MCCI at sales@mcci.com, Twitter [@MCCI](https://twitter.com/MCCI), <https://mcci.com>.