OBS-NWK-USBCNV
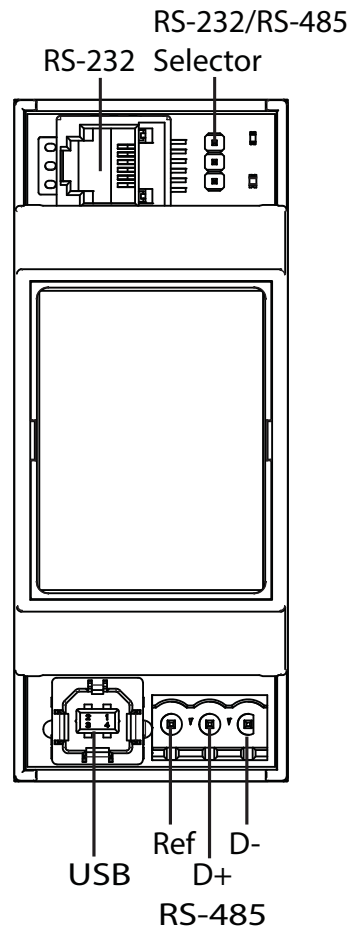# USB to RS-232 or RS-485 Converter

Figure 1   Connections and jumpers

RS-232

If you are using OBS-NWK-USBCNV with the PRO-2000

- Connect the OBS-NWK-USBCNV and the PRO-2000 with an RJ-11 cable.

If you are using OBS-NWK-USBCNV with OpenBAS products:

- Use a cable with an RJ11 connector, but use only pins 2, 4, and 5. Connect pin 2 (TX) to D+, pin 4 (G) to Ref, and pin 5 (RX) to D-.
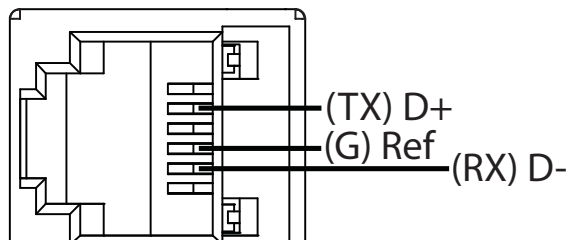

Figure 2   RS-232 connection for OpenBAS

RS-485/RS-232 Selector

Put the jumper on pins 1 and 2 in order to use OBS-NWK-USBCNV as a USB to RS-485 converter.
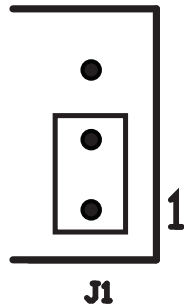

Figure 3   Jumper set for RS-485

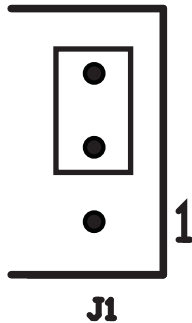Put the jumper on pins 2 and 3 in order to use OBS-NWK-USBCNV as a USB to RS-232 converter.

Figure 4   Jumper set for RS-232

Wiring Lengths

USB

1.5 m (5 feet)

RS-232

Maximum length: 15.24 m (50 ft)

RS-485

Maximum length: 1219.2 m (4000 ft)

Mircom recommends shielded cable