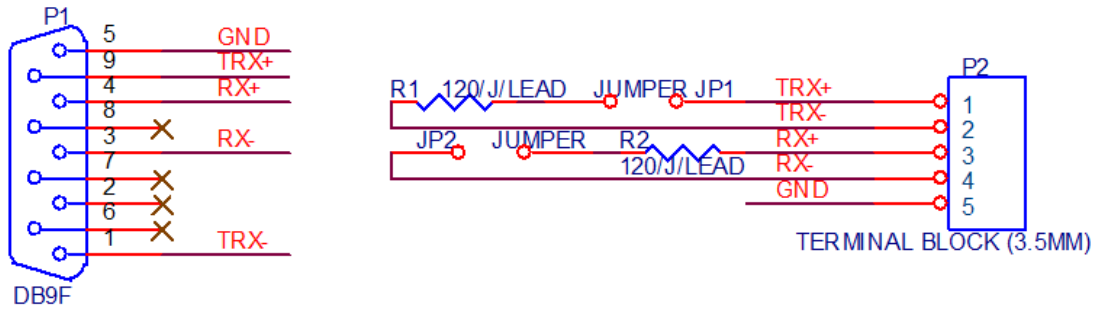# Wiring Adapter (DB9F-TB5) v1.1

- **Overview**

  Wiring Adapter (DB9F-TB5) is an adapter for changing interfaces between a DSUB 9 pin Male connecter and a terminal block.
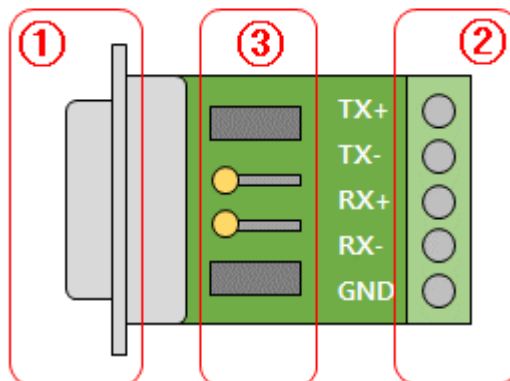
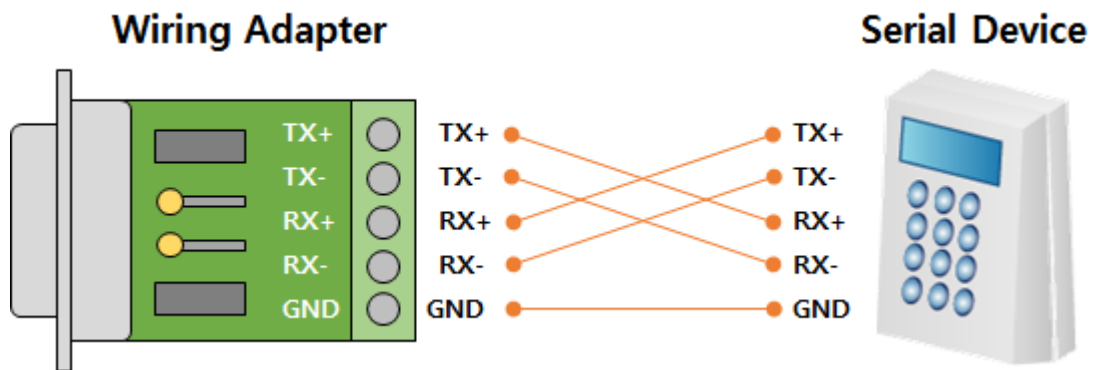- **Circuit Diagram**

- **PIN Assignment**

DB9F Pin Number	TB5 Pin Number	Name
9	1	TX+ (or TRX+)
1	2	TX- (or TRX-)
4	3	RX+
3	4	RX-
5	5	GND

- **Layout**

① DSUB 9 pin Female connector: for connecting a serial port of ezTCP

② Terminal Block: for connecting a serial device

③ Termination Registers (120Ω) and Jumpers for enabling / disabling them

   A.   To enable the registers, just disconnect the Jumpers.

   B.   To disable the registers, just connect the jumpers.

● **RS422 connection example**

● **RS485 connection example**