

Control Technology 2500 Series

Supported Series: CTI 2500 Series PLCs (Classic and Compact): C100, C200, C300 and C400.

Website: <http://www.controltechnology.com/>

HMI Setting:

| Parameters | Recommended | Options | Notes |
|---------------------|--------------------------------|-----------------|---------------|
| PLC type | Control Technology 2500 Series | | NITP protocol |
| PLC I/F | RS232 | RS232, RS485 4W | |
| Baud rate | 19200 | 19200 | |
| Data bits | 7 | 7 | |
| Parity | Odd | Odd | |
| Stop bits | 1 | 1 | |
| PLC sta. no. | 0 | Does not apply | |

Device Address:

| Bit/Word | Device type | Format | Range | Memo |
|----------|-------------|---------|---------------|------------------------------|
| B | CR | DDDDD | 1 ~ 65535 | Internal Relay |
| B | X | DDDDD | 1 ~ 65535 | Discrete Input Coils |
| B | Y | DDDDD | 1 ~ 65535 | Discrete Output Coils |
| B | V_Bit | DDDDDdd | 101 ~ 6553616 | User Data Register Bits |
| W | V | DDDDD | 1 ~ 65535 | User Data Registers |
| DW | VD | DDDDD | 1 ~ 65536 | User Data Registers (32bit) |
| W | STW | DDDDD | 1 ~ 65535 | Status Word Registers |
| W | TCP | DDDDD | 1 ~ 65535 | Timer/Counter Preset Values |
| W | TCC | DDDDD | 1 ~ 65535 | Timer/Counter Current Values |
| W | WX | DDDDD | 1 ~ 65535 | Word Discrete Inputs |
| W | WY | DDDDD | 1 ~ 65535 | Word Discrete Outputs |

Note: Because VD (double word) will do high and low word conversion, avoid mixing V and VD when performing data transfer and macro.

Wiring Diagram:

Diagram 1

RS-232

The serial port pin assignments may vary between HMI models, please click the following link for more information.

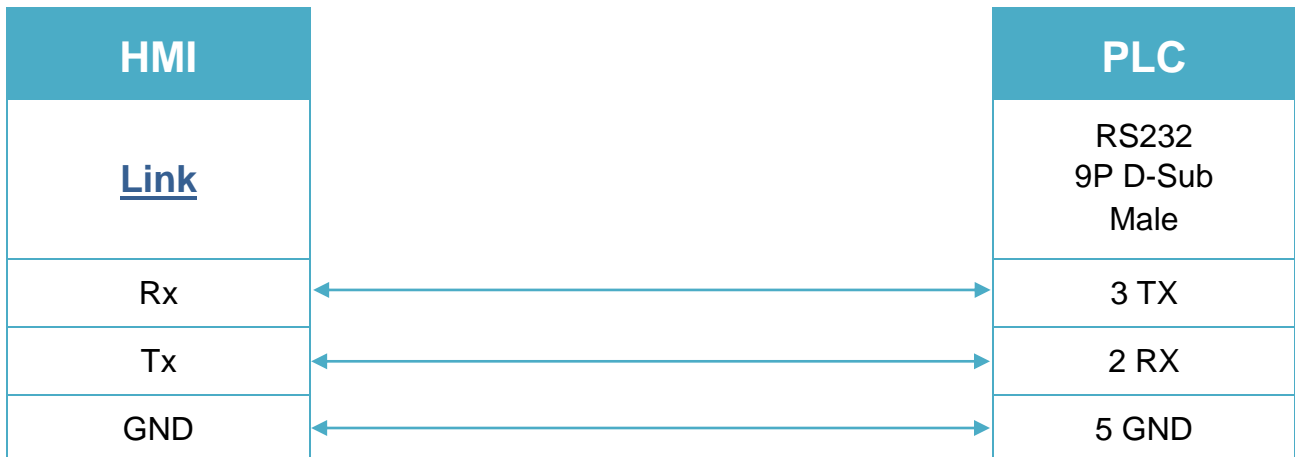


Diagram 2

RS-485 4W

The serial port pin assignments may vary between HMI models, please click the following link for more information.

