

## Siemens TI505

Supported Series: SIMATIC TI505 Series PLCs: TI520, TI525, TI530, TI535, TI545, TI555, TI560, TI565, TI575. Use NITP protocol in a point-to-point, single master, single slave format.

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

Website Siemens: <http://www.siemens.com/entry/cc/en/>

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

### HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	SIMATIC TI505		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	
Model	TI505	TI505 / TI545	V1.90 or later support

### Device Address:

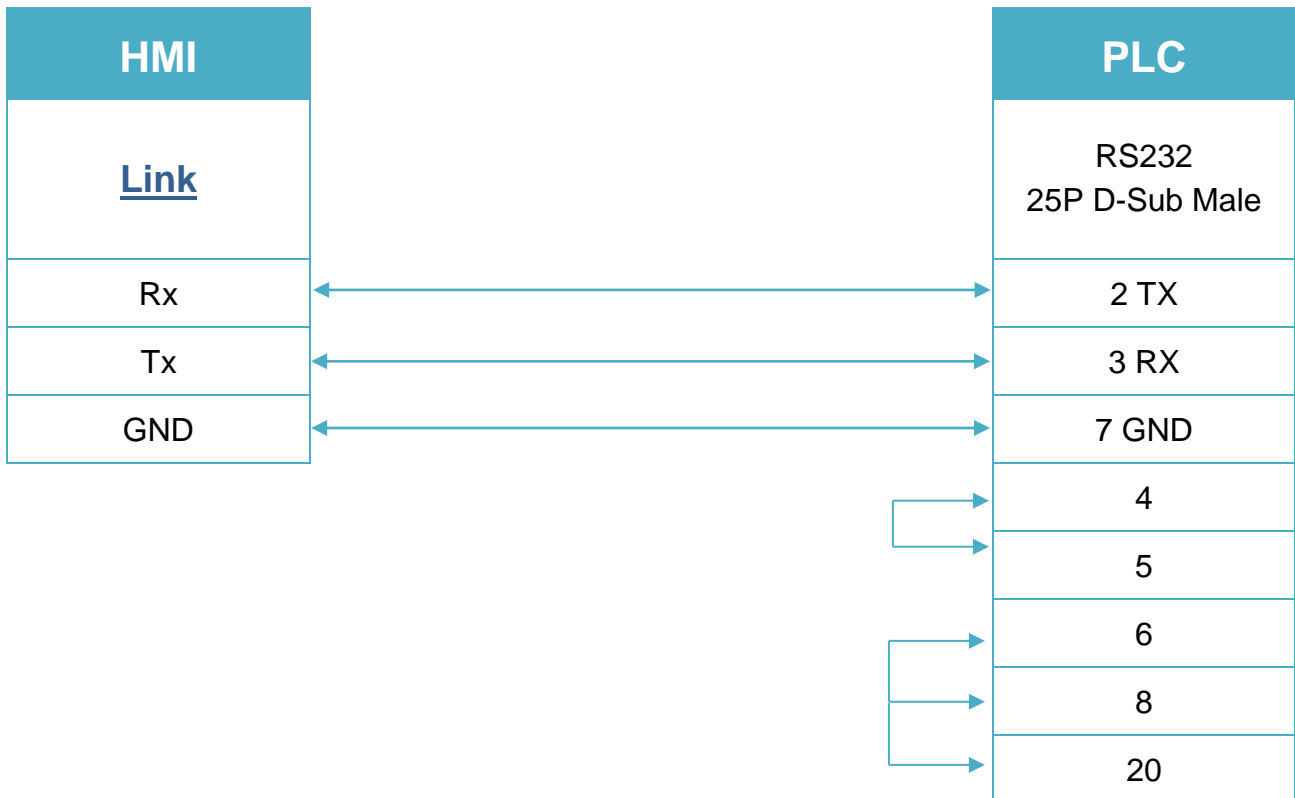
Bit/Word	Device type	Format	Range	Memo
B	CR	DDDDD	1 ~ 65535	Internal Relay
B	X	DDDDD	1 ~ 65535	Discrete Input Coils
B	Y	DDDDD	1 ~ 65535	Discrete Output Coils
B	V_Bit	DDDDDdd	101 ~ 6553616	User Data Register Bits
W	V	DDDDD	1 ~ 65535	User Data Registers
DW	VD	DDDDD	1 ~ 65536	User Data Registers (32bit)
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

## Wiring Diagram:

### Diagram 1

#### RS-232

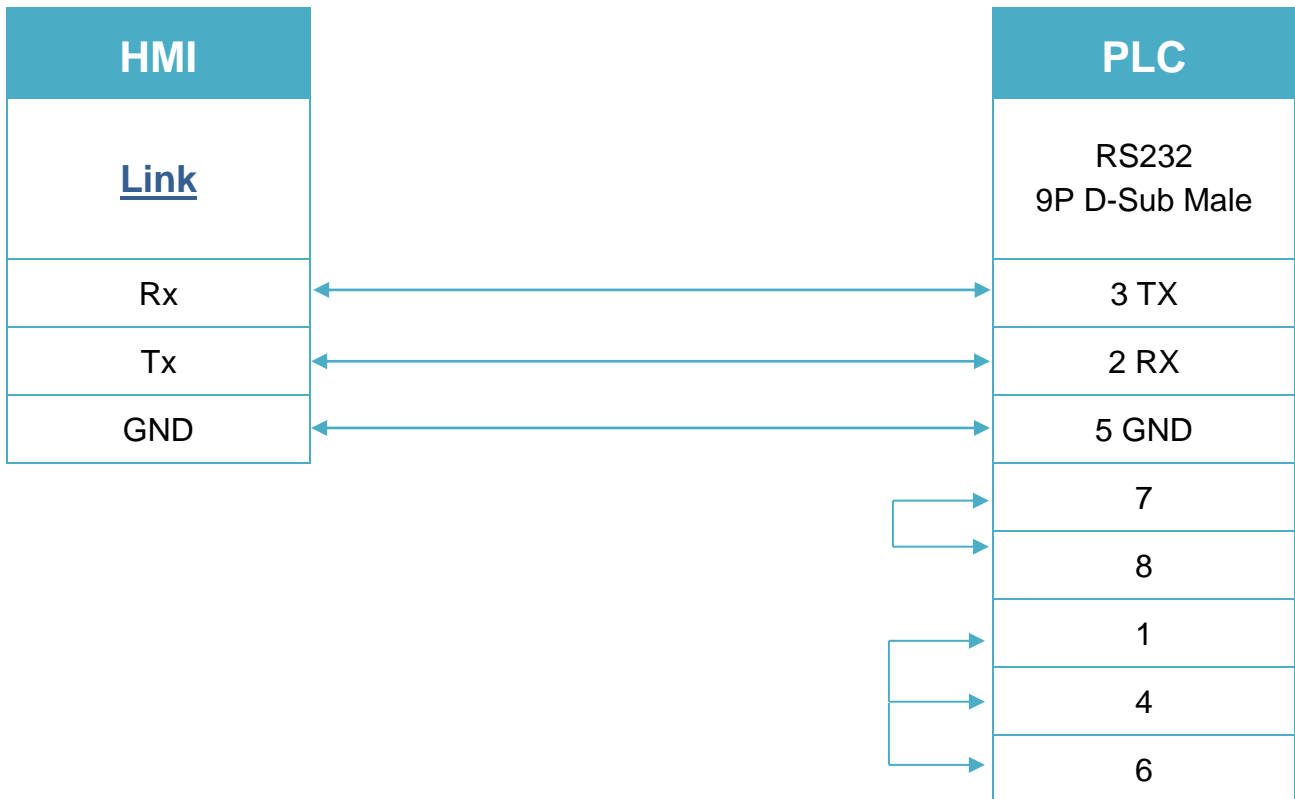
The serial port pin assignments may vary between HMI models, please click the following link for more information.



## Diagram 2

### RS-232

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



## Diagram 3

### RS-485 4W

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

