

## XINJE XC Series PLC (Standard Modbus)

### HMI Factory Setting:

Baud Rate: 9600. 7. Even. 1

Controller Station Number: 1

Control Area / Status Area: D0/D10

Applicable models: DOP-B / DOP-W / DOP-H / HMC series 、DOP-100

### Connection

#### a. RS-232

DOP series		Controller	
9 pin D-sub (RS-232)		8 pin Mini DIN male (RS-232)	
RXD (2)	—————	(5) TXD	
TXD (3)	—————	(4) RXD	
GND (5)	—————	(8) GND	

#### b. RS-485 (DOP-B Series)

DOP 9 pin D-sub (RS-485)		Controller RS-485 Terminal	
D+ (1)	—————	D+	
D- (6)	—————	D-	

### Definition of PLC Read/Write Address

#### a. Registers

Type	Format	Read/Write Range	Data Length	Note
	Word No. (n)			
X_Data	Xn	X0 - X1020	Word	Octal, <a href="#">1</a>
Y_Data	Yn	Y0 - Y1020	Word	Octal, <a href="#">1</a>
M_Data	Mn	M0 - M7984 M8000 - M8752	Word	<a href="#">1</a>
S_Data	Sn	S0 - S1008	Word	<a href="#">1</a>
TD_Register	TDn	TD0 - TD639	Word	

CD_Register	CDn	CD0 - CD639	Word	
FD_Register	FDn	FD0 - FD7151 FD8000 - FD9023	Word	
ID_Register	IDn	ID0 - ID1099	Word	
QD_Register	QDn	QD0 - QD1099	Word	
D_Register	Dn	D0 - D7999 D8000 - D9023	Word	

**b. Contacts**

Type	Format	Read/Write Range	Note
	Bit No. (b)		
X_Data	Xb	X0 - X1037	Octal
Y_Data	Yb	Y0 - Y1037	Octal
M_Data	Mb	M0 - M7999 M8000 - M8767	
S_Data	Sb	S0 - S1023	
T_Coil	Tb	T0 - T639	
C_Coil	Cb	C0 - C639	
TD_Coil	TDn.b	TD0.0 - TD639.15	<u>2</u>
CD_Coil	CDn.b	CD0.0 - CD639.15	<u>2</u>
FD_Coil	FDn.b	FD0.0 - FD7151.15 FD8000.0 - FD9023.15	<u>2</u>
ID_Coil	IDn.b	ID0.0 - ID1099.15	<u>2</u>
QD_Coil	QDn.b	QD0.0 - QD1099.15	<u>2</u>
D_Coil	Dn.b	D0.0 - D7999.15 D8000.0 - D9023.15	<u>2</u>



- 1) Device address must be the multiple of 16.
- 2) This contact is relation address with same name register.