

Modbus RTU 2W (Master)

HMI Factory Setting:

Baud rate: 9600, 7, Even, 1 (ASCII); 9600, 8, Even, 1 (RTU)

Controller Station Number: 0 (no PLC station number in protocol, therefore, only 1(HMI) to 1(PLC) communication is allowed.)

Control Area / Status Area: W40100 / W40200

Connection

Please refer to “Pin Definition of Serial Communication” for more detail.

Definition of PLC Read/Write Address

a. Registers

Type	Format	Read/Write Range	Data Length	Note
	Word No. (n)			
Output Registers	Wn	W40001 – W50000	Word	
Input Registers	Wn	W30001 – W40000	Word	Read only

b. Contacts

Type	Format	Read/Write Range	Note
	Bit No. (b)		
Discrete Outputs	Bb	B1 – B10000	
Discrete Inputs	Bb	B10001 – B20000	Read only

NOTE

- 1) If the controller requests certain Modbus input during the connection, it can be done through special parameter setting. When the default value is set to Auto, HMI will automatically react to a single inputted command(0x06) or a multiple inputted command (0x10) according to the data length.

