

Memory Map

Memory Map protocol is similar to IBM 3764R communication protocol. EasyBuilder reserves 512 words of data memory to use with this protocol. EasyBuilder must update the values in these words. EasyBuilder uses these words to display data and control parts status on screen. When touch actions are taken, data is sent to the others once, and then update the memory in it. The HMI should always update the data memory.

HMI Setting:

Parameters	Recommend	Options	Notes
PLC type	Memory Map		
PLC I/F	RS232	RS232, RS485 4W, 2W	RS232 default
Baud rate	115200	9600~115200	
Data bits	8		
Parity	Even	Even, Odd, None	
Stop bits	1		

Device Address:

Bit/Word	Device type	Format	Range	Memo
B	MB	DDDDh	0 ~ 4095f	
W	MW	DDDD	0 ~ 9999	

MB and MW share the same data storage.

MW 0 = MB 00000 ~ MB 0000f, MW 1 = MB 00010 ~ MB 0001f

Wiring Diagram:

Diagram 1

RS-232

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

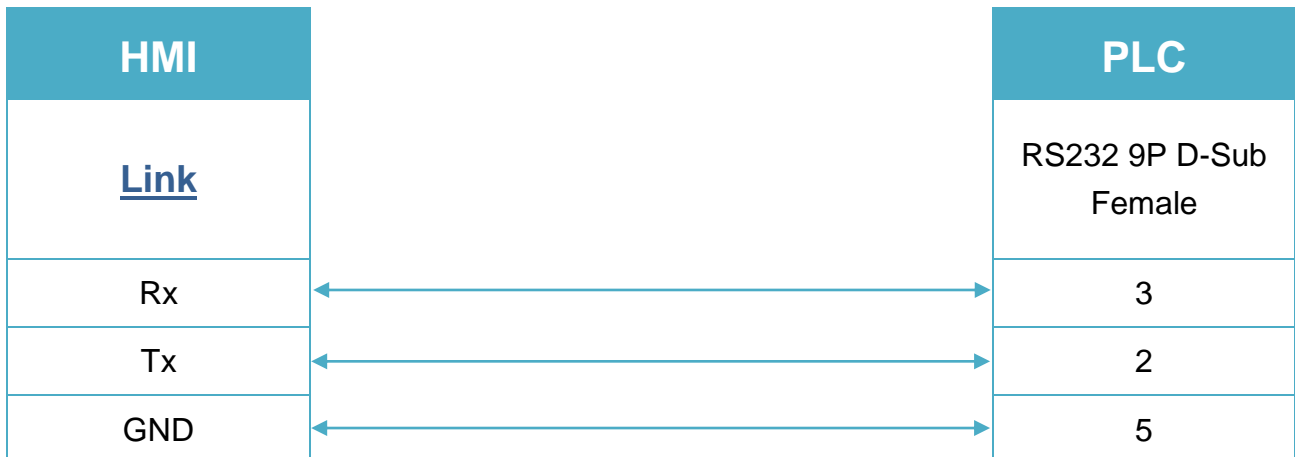


Diagram 2

RS-485 2W

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

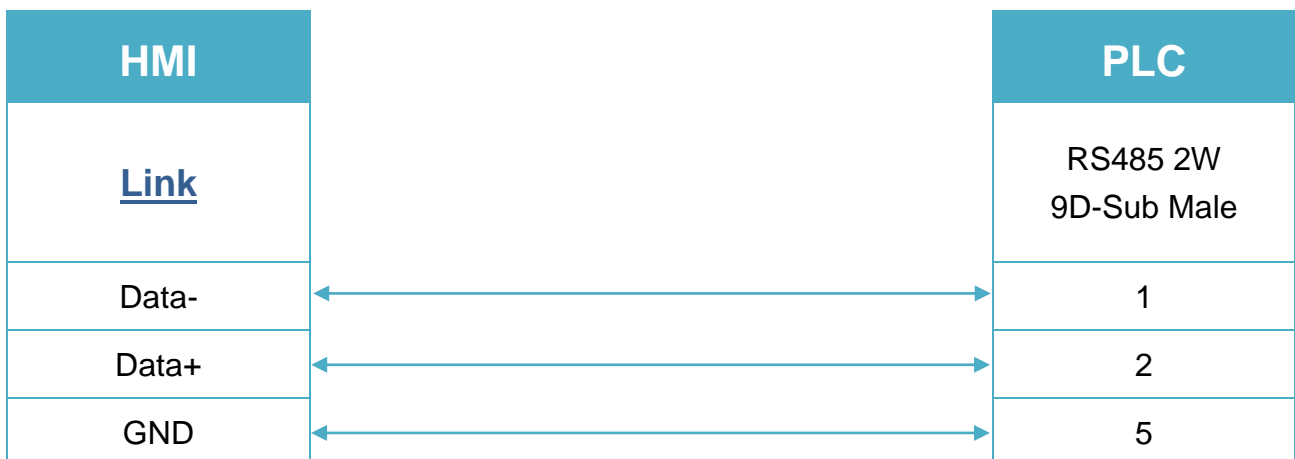


Diagram 3

RS-485 4W

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

