

WEINTEK PLC5 Ethernet Compatible



Note: Rockwell PLC5 driver uses CRC checksum.

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HMI SETTING

Parameters	Recommended	Options	Notes
PLC type	Rockwell PLC5		
PLC I/F	RS232		
Baud rate	19200	9600, 19200	
Data bits	8	8	
Parity	Even	Even, Odd, None	
Stop bits	1	1	
HMI sta. no.	0		
PLC sta. no.	1	1-31	

PLC SETTING

Communication mode	DF1 Full Duplex protocol 19200, None, 8, 1 (default)
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Allen-Bradley PLC-5 Family PLCs use DF1 Full Duplex protocol.

For PLC-5/10, PLC-5/15 and PLC-5/25, MT8000 should be connected to the DF1 port on

the 1785-KE module.

For PLC-5/11, PLC-5/20, PLC-5/30 and PLC-5/40, MT8000 should be connected to the Channel 0 Port on the PLC.

DEVICE ADDRESS

Bit/Word	Device	Format	Range	Memo
B	I1	DDDdd	0 ~ 25515	Input (I)
B	O0	DDDdd	0 ~ 25515	Output (O)
B	B3	DDDdd	0 ~ 99915	Bit data file (B3)
B	B10 ~ 13	DDDdd	0 ~ 99915	Bit data file (B10 ~ 13)
B	S_Bit	DDDDDDdd	0 ~ 25599915	
B	Bfn	FFFDDDDdd	0 ~ 25599915	
B	NfnBit	FFFDDDDdd	0 ~ 25599915	
W	T4PV	DDD	0 ~ 999	Timer Preset Value (T4)
W	T4PV	DDD	0 ~ 999	Timer Accumulator Value (T4)

Bit/Word	Device	Format	Range	Memo
W	C5sV	DDD	0 ~ 999	Counter Preset Value (C5)
W	C5PV	DDD	0 ~ 999	Counter Accumulator Value (C5)
W	TfnSV	FFFDDD	0 ~ 255999	

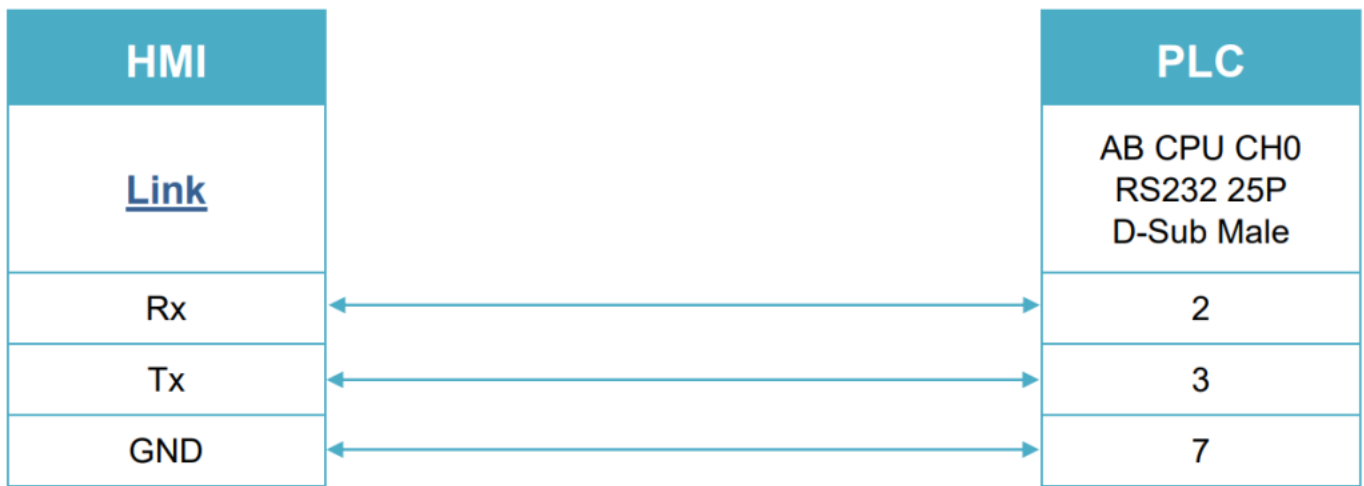
W	TfnPV	FFFDDD	0 ~ 255999	
W	CfnSV	FFFDDD	0 ~ 255999	
W	CfnPV	FFFDDD	0 ~ 255999	
W	N7	DDD	0 ~ 999	Integer data file (N7)
W	N10 ~ 15	DDD	0 ~ 999	Integer data file (N10 ~ 15)
W	Nfn	FFFDDD	0 ~ 255999	Integer data file (V2.5.0 or newer)
W	S	DDD	0 ~ 255	
W	F8	DDD	0 ~ 999	Floating point data file (F8)
W	Ffn	FFFDDD	0 ~ 255999	Floating point data file (V2.5.0 or newer)

WIRING DIAGRAM

Diagram 1

RS-232 (9P D-Sub to 25P D-Sub: PLC5 CPU CH0)

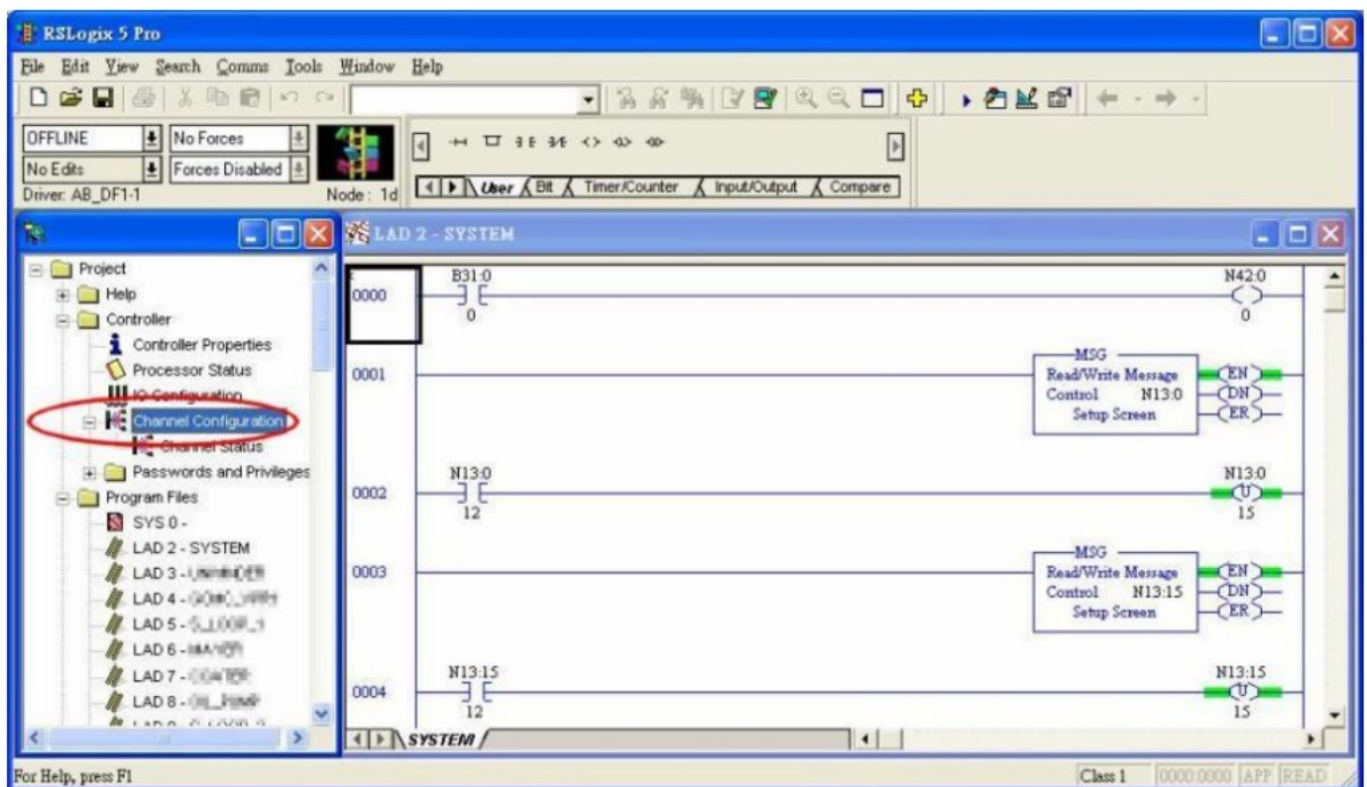
The serial port pin assignments may vary between HMI models, please click the following link for more information.



IMPORT TAGS

Note:

The default error checking of Rockwell PLC5 is BCC, whereas our driver is CRC.



Access [Channel Configuration] from RSLogix5, under Channel 0 tab, please select "CRC" for [Error Detect].

Edit Channel Properties

Channel 0 | Channel 1A | Channel 1B

Communication Mode

- ☒ System (Point-To-Point)
- ☐ System (Slave)
- ☐ System (Master)
- ☐ User (ASCII)

Remote Mode Change

Attention Char: 0x1b

☐ Enable System: S User: U

Diagnostic File: 103

Serial Port | Options

Baud Rate: 9600 Parity: None

Bits Per Char: 8 **Error Detect: CRC**

Stop Bits: 1

Control Line: No Handshaking

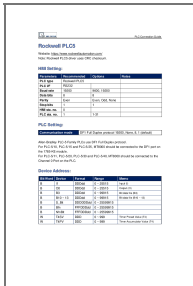
確定 取消 套用(A) 說明

CUSTOMER SUPPORT

Website: <https://www.rockwellautomation.com/>



Documents / Resources



[WEINTEK PLC5 Ethernet Compatible \[pdf\]](#) User Guide
PLC-5-10, PLC-5-15, PLC-5-25, PLC-5-11, PLC-5-20, PLC-5-30, PLC-5-40, PLC5, PLC5 Ethernet Compatible, PLC5, Ethernet Compatible, Compatible

References

- [User Manual](#)

WEINTEK

Compatible, Ethernet Compatible, PLC-5-10, PLC-5-11, PLC-5-15, PLC-5-20, PLC-5-25, PLC-5-30, PLC-5-40, PLC5, PLC5 Ethernet Compatible, WEINTEK

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