

# Rockwell CompactLogix - Free Tag Names

Website: <http://www.ab.com>

## HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	Allen-Bradley CompactLogix – Free Tag Names		
PLC I/F	RS232		
Baud rate	19200	9600, 19200, 38400	
Data bits	8	8	
Parity	None	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) Error Check: BCC, Station Address: 1
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## Device Address:

PLC Data Type Name	Bit/Word	EasyBuilder Data Format	Memo
BOOL	Boolean	Bit object	
BitArray			
SINT			
INT	Integer	16-bit signed, ASCII	-32768 ~ 32767
DINT	Double Integer	32-bit signed	$-2^{31} \sim (2^{31}-1)$
REAL	Single Precision Float	32-bit Float	IEEE 754





## Wiring Diagram:

The following represents the cable end connector.



eMT3000 series

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female		AB CPU CH0 RS232 9P D-Sub Female
2 RX	8 RX		3 TD
3 TX	7 TX		2 RD
5 GND	5 GND		5 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS232 9P D-Sub Female	COM2 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Male	AB CPU CH0 RS232 9P D-Sub Female
2 RX	6 RX	8 RX	3 TD
3 TX	4 TX	7 TX	2 RD
5 GND	5 GND	5 GND	5 GND
			

MT6050i/MT8050i

COM1 RS232 9P D-Sub Female			AB CPU CH0 RS232 9P D-Sub Female
9 RX			3 TD
6 TX			2 RD
5 GND			5 GND
			

## Driver Version:

Version	Date	Description
V1.00	June/2/2011	Driver released.