

Rockwell EtherNet/IP (CompactLogix)

Supported Series: Rockwell ControlLogix, CompactLogix, FlexLogix Ethernet.

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

HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	Allen-Bradley EtherNet/IP (CompactLogix)		
PLC I/F	Ethernet		
Port no.	44818		
PLC sta. no.	1		

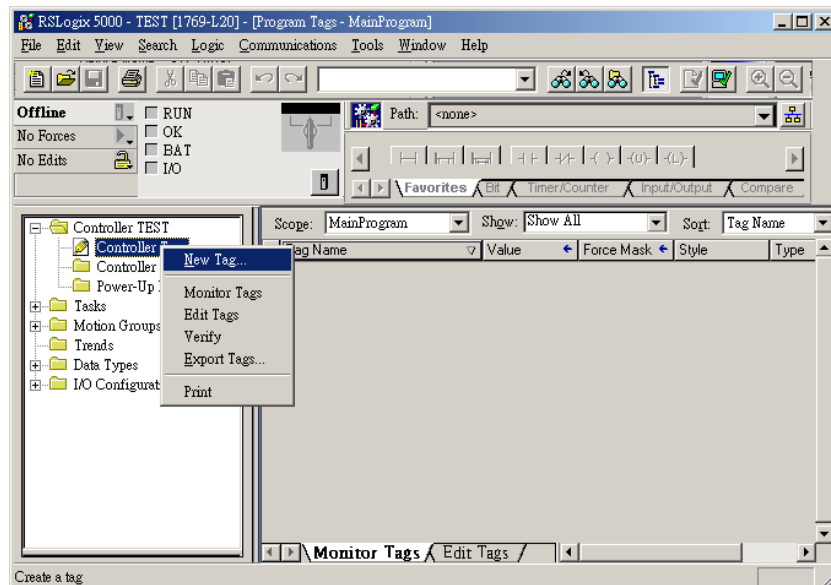
PLC Setting:

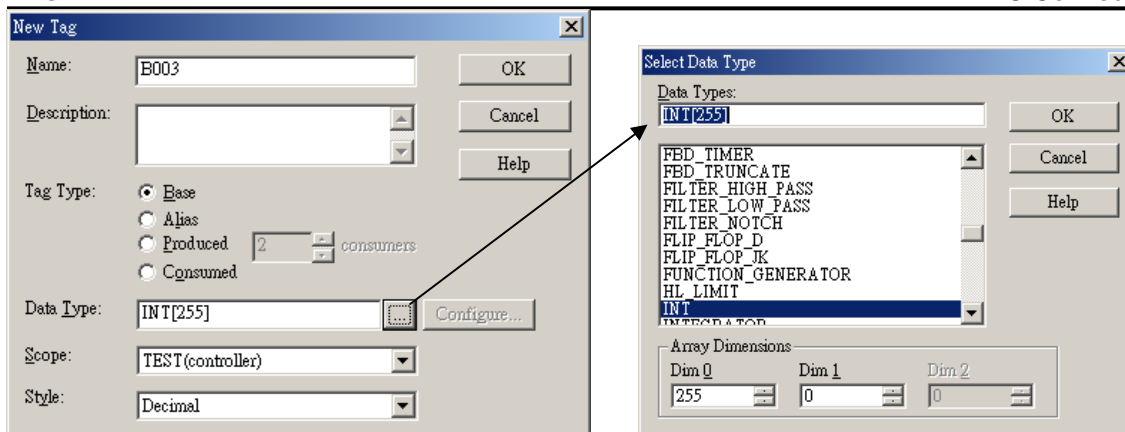
RSLogix 5000 setting

Create a Tag:

The name format must be 4 chars. For example: B003, T004, C005, N007, and F008.

Two or three chars are not available. For example: B03 or B3.






Device Address:

Bit/Word	Device type	Format	Range	Memo
B	Bx_BOOL	FFFDDDD	0 ~ 25525515	Bit data file
B	Nx_BOOL	FFFDDDD	0 ~ 25525515	Integer data file bit level (N7, 10 ~ 99)
W	Bx_INT	FFFDDD	0 ~ 255255	Bit data file word level
W	Nx_INT	FFFDDD	0 ~ 255255	Integer data file (N7, 10 ~ 99)
DW (F)	F8_REAL	DDD	0 ~ 255	Floating point data file (F8)
DW (F)	Fx_REAL	FFFDDD	0 ~ 255255	Floating point data file (F8)
DW	Cx.ACC	FFFDDD	0 ~ 255255	Counter Accumulator Value (C5, C10 ~ 255)
DW	Cx.PRE	FFFDDD	0 ~ 255255	Counter Preset Value (C5, C10 ~ 255)
DW	Tx.ACC	FFFDDD	0 ~ 255255	Timer Accumulator Value (T4, T10 ~ 255)
DW	Tx.PRE	FFFDDD	0 ~ 255255	Timer Preset Value (T4, T10 ~ 255)
DW	Lx.DINT	FFFDDD	0 ~ 255255	

Wiring Diagram:


Driv Direct connect (crossover cable):

HMI RJ45 Male	Wire Color	PLC RJ45 Male
1 TX+	White/Orange	3 RX+
2 TX-	Orange	6 RX-
3 RX+	White/Green	1 TX+
4 BD4+	Blue	4 BD4+
5 BD4-	White/Blue	5 BD4-
6 RX-	Green	2 TX-
7 BD3+	White/Brown	7 BD3+
8 BD3-	Brown	8 BD3-



Through a hub:

HMI RJ45 Male	Wire Color	PLC RJ45 Male
1 TX+	White/Orange	1 TX+
2 TX-	Orange	2 TX-
3 RX+	White/Green	3 RX+
4 BD4+	Blue	4 BD4+
5 BD4-	White/Blue	5 BD4-
6 RX-	Green	6 RX-
7 BD3+	White/Brown	7 BD3+
8 BD3-	Brown	8 BD3-



Driver Version:

Version	Date	Description
V1.30	Dec/30/2008	
V1.50	Mar/6/2012	Added register: Lx.DINT