

Mitsubishi FX3u/FX3G

Supported Series: Mitsubishi FX3U/FX3UC/FX3G.

Website: <http://www.mitsubishi-automation.com>

HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	Mitsubishi FX3u/FX3G		
PLC I/F	RS485 4w	RS232/RS485 2w/4w	
Baud rate	38400	9600/19200	
Data bits	7		
Parity	Even		
Stop bits	1		
PLC sta. no.	0		Does not apply to this protocol



Online simulator	YES (9600 baud rate only)	Extend address mode	NO
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Device Address:



Bit/Word	Device type	Format	Range	Memo
B	X	OOO	0 ~ 764	Input Relay
B	Y	OOO	0 ~ 764	Output Relay
B	M	DDDD	0 ~ 7999	Auxiliary Relay
B	T	DDD	0 ~ 511	Timer Relay (T)
B	C	DDD	0 ~ 255	Counter Relay (C)
B	SM	DDDD	8000 ~ 9999	Special Relay (M)
B	D_Bit	DDDDdd	0 ~ 799915	Data Register Bit (D)
B	S	DDDD	0 ~ 4095	State Relay (S)
W	TV	DDD	0 ~ 511	Timer Memory (T)
W	CV	DDD	0 ~ 199	Counter Memory (C)
W	D	DDDD	0 ~ 7999	Data Register (D)
DW	CV2	DDD	200 ~ 255	Counter Memory(D Word)
W	SD	DDDD	8000 ~ 9999	Special Data Register (D)
W	R	DDDDD	0 ~ 32767	Extended Register (R)
W	Z	D	0 ~ 7	Index register

Wiring Diagram:



eMT3000 series

COM1 RS485 4W 9P D-Sub Male			RS422 8P Mini-DIN Male
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

MT6000/8000 series except MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Male			RS422 8P Mini-DIN Male
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

MT6050i/MT8050i

COM1 RS485 4W 9P D-Sub Female			RS422 8P Mini-DIN Male
1 RX-			4 TX-
2 RX+			7 TX+
3 TX-			1 RX-
4 TX+			2 RX+
5 GND			3 GND
			

Driver Version:

Version	Date	Description
V1.71	Nov/15/2010	