

Mitsubishi FX3U/FX3G

Supported Series: Mitsubishi FX3U/FX3UC/FX3G/FX3S.

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 / USB	
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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*Support communications between HMI and PLC in pass-through mode

*Set LW-9903 to 2 to enhance the speed of download/upload PLC program in pass-through mode

Device Address:

Bit/Word	Device	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)

Bit/Word	Device	Format	Range	Memo
W	Z	D	0 ~ 7	Index register

Wiring Diagram:

The following is the view from the soldering point of a connector.

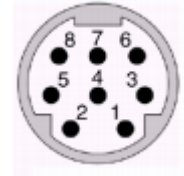


Diagram 1

cMT Series	cMT3151
eMT Series	eMT3070 / eMT3105 / eMT3120 / eMT3150
MT-iE	MT8070iE / MT6070iE / MT8100iE / MT8121iE / MT8150iE
MT-XE	MT8121XE / MT8150XE

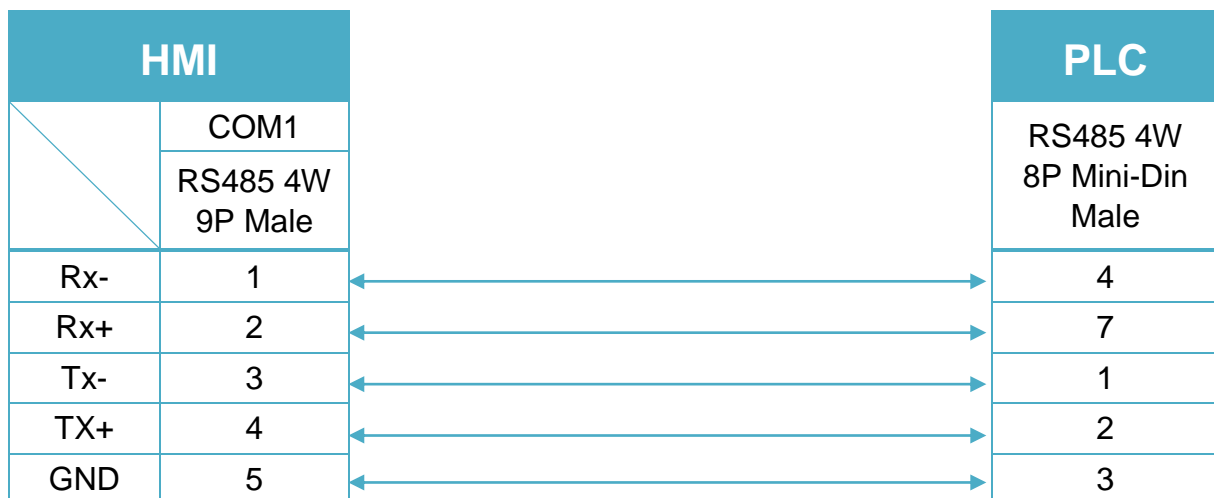


Diagram 2

cMT Series *cMT-SVR / cMT-G01 / cMT-G02 / cMT-HDM / cMT-FHD*

mTV *mTV*

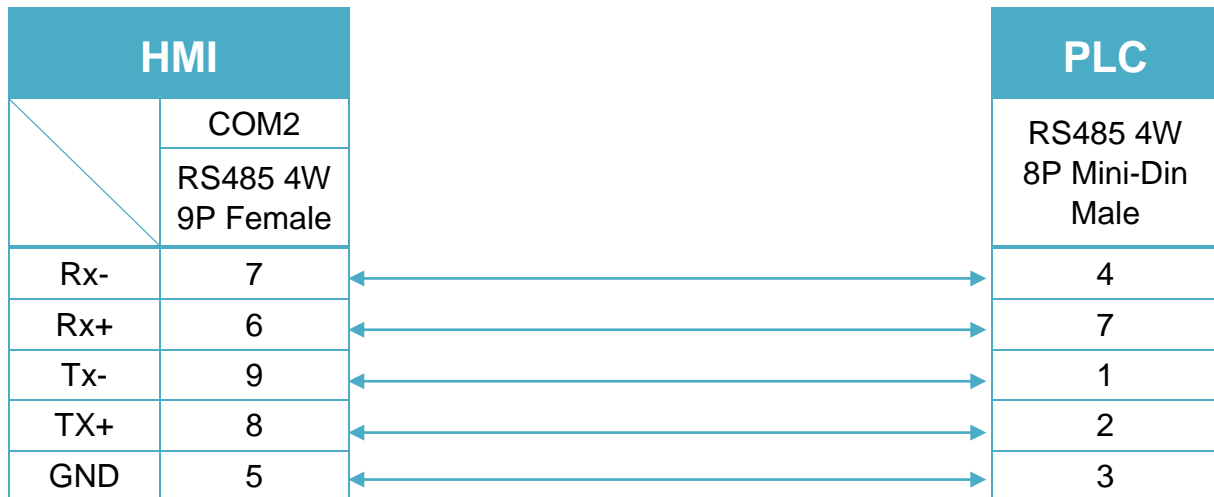


Diagram 3

cMT Series *cMT3071 / cMT3072 / cMT3090 / cMT3103*

MT-iE *MT8071iE / MT6071iE / MT8072iE / MT6072iE / MT8073iE /
MT8101iE / MT8102iE / MT8103iE*

MT-XE *MT8090XE / MT8092XE*

MT-iP *MT6071iP / MT8071iP / MT6103iP / MT8102iP*

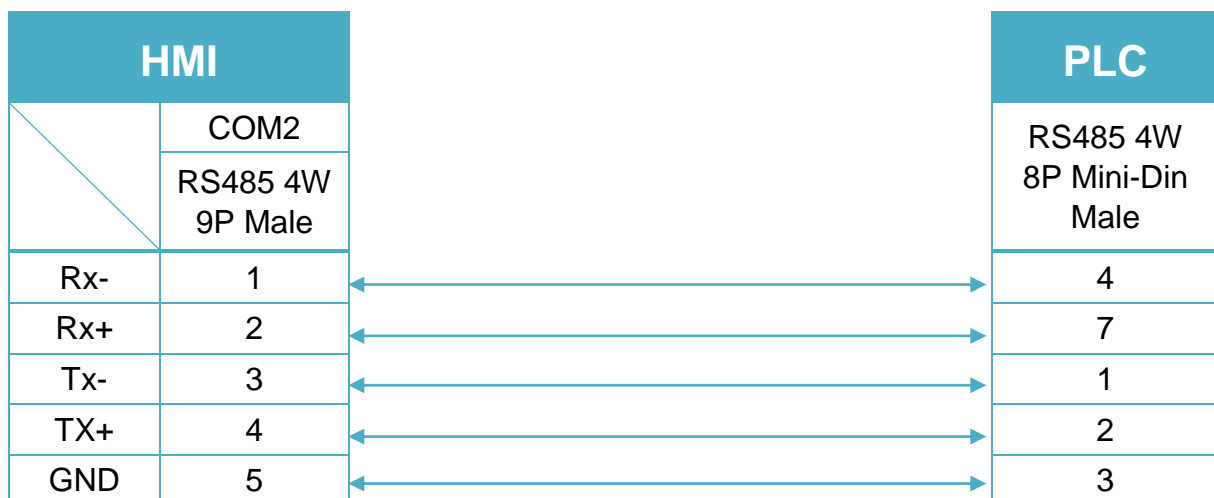


Diagram 4

MT-iE *MT8050iE / MT8053iE*

MT-iP *MT6051iP / MT8051iP*

