

Mitsubishi FX0S/FX0N/FX1S/FX1N/FX2

Supported Series: Mitsubishi FX0S/FX0N/FX1S/FX1N/FX2/FX3S

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

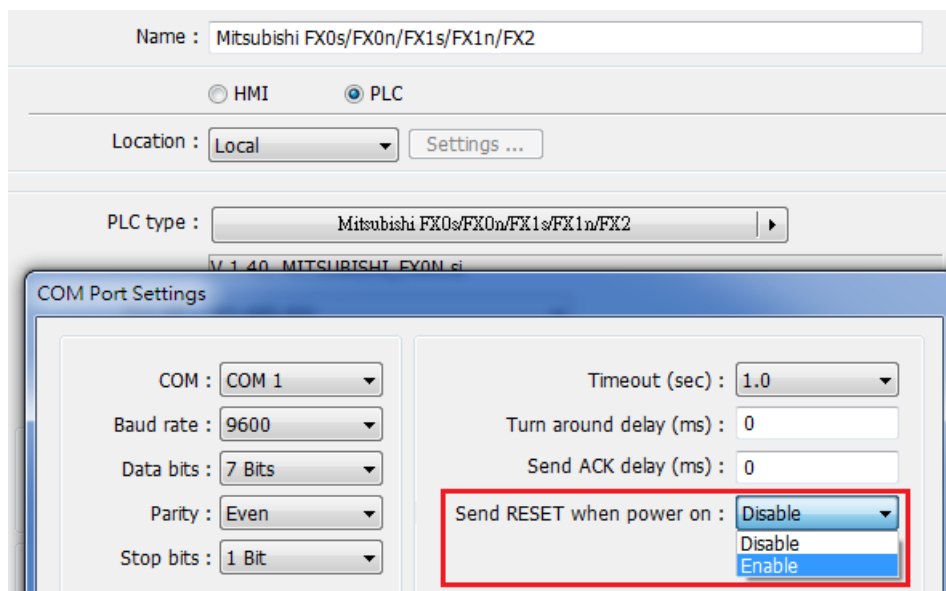
HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	Mitsubishi FX0S/FX0N/FX1S/FX1N/FX2		
PLC I/F	RS485 4W	RS232/RS485	
Baud rate	9600	9600/19200/38400/57600/115200	
Data bits	7	7,8	
Parity	Even	Even, Odd, None	
Stop bits	1	1,2	
PLC sta. no.	0	0-255	

*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

*[Send RESET when power on] selection is provided in PLC COM Port Settings. If enabled, PLC can be reset when HMI is powered ON.



Device Address:

Bit/Word	Device type	Format	Range	Memo
B	X	OOO	0 ~ 377	Input Relay
B	Y	OOO	0 ~ 377	Output Relay
B	M	DDDD	0 ~ 9999	Auxiliary Relay
B	T	DDD	0 ~ 255	Timer Relay
B	C	DDD	0 ~ 255	Counter Relay
B	SM	DDDD	8000 ~ 9999	Special Aux. Relays
B	D_Bit	DDDDdd	0 ~ 999915	Data Register Bit (D)
B	S	DDDD	0 ~ 4095	States
W	TV	DDD	0 ~ 255	Timer Memory
W	CV	DDD	0 ~ 199	Counter Memory
W	D	DDDD	0 ~ 9999	Data Register
DW	CV2	DDD	200 ~ 255	Counter Memory(D Word)
W	SD	DDDD	8000 ~ 9999	Special Data Register

Wiring Diagram:

RS422 Port 8P Mini-Din Male (Diagram 1 ~ Diagram 4)

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

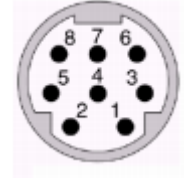


Diagram 1

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

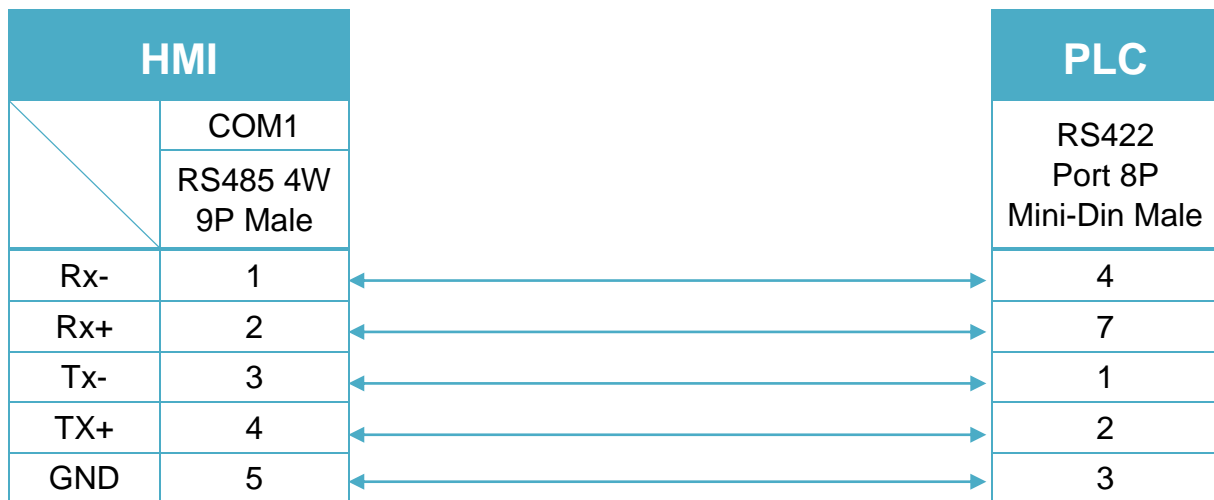


Diagram 2

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

mTV *mTV*

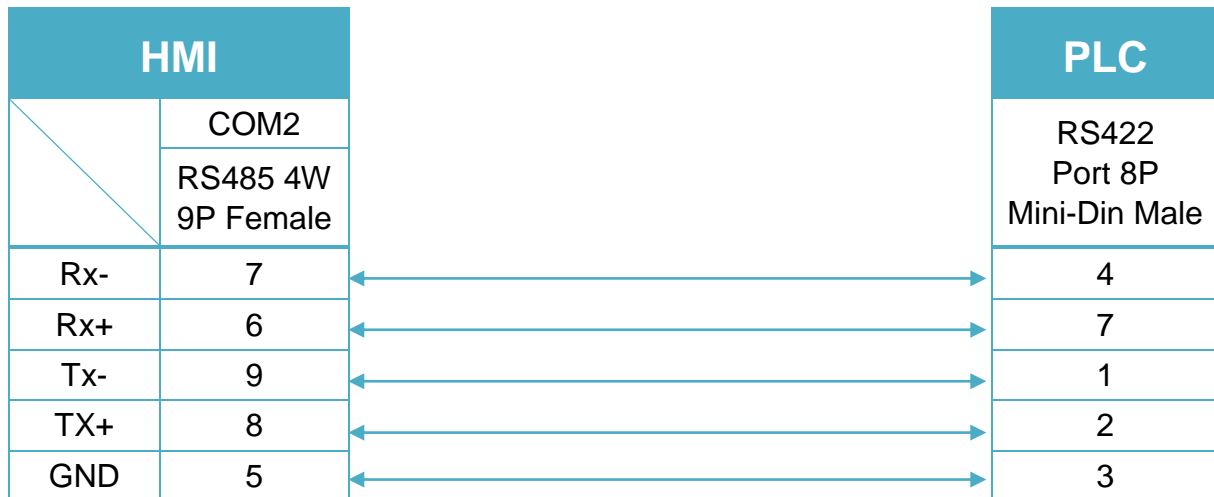


Diagram 3

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*

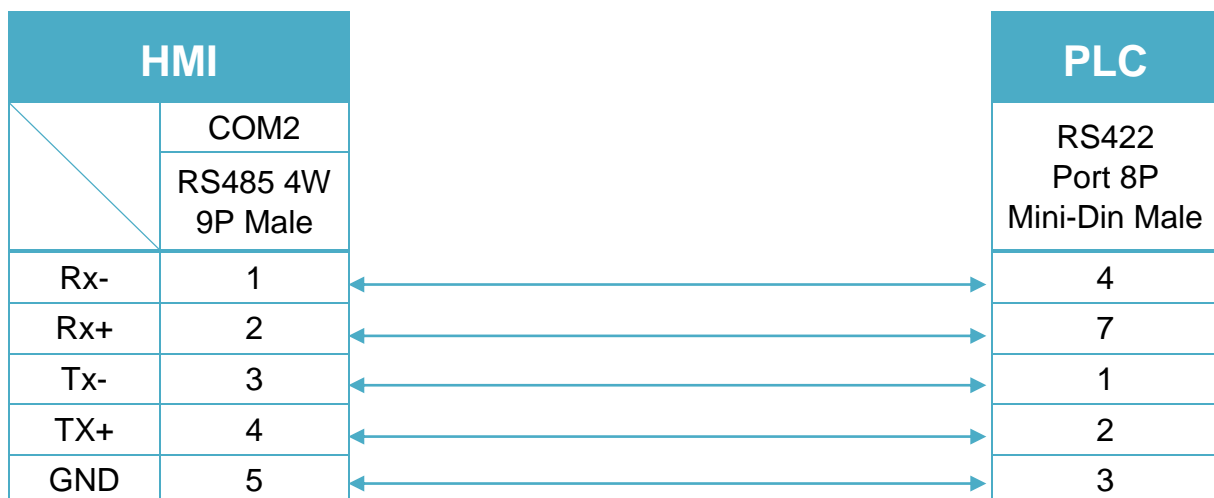
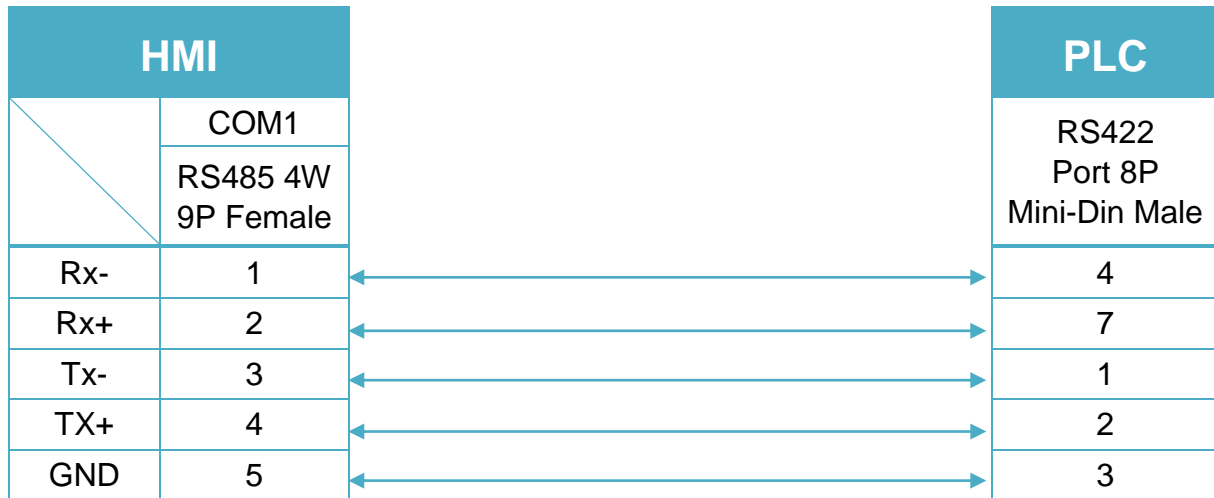


Diagram 4

MT-iE *MT8050iE / MT8053iE*

MT-iP *MT6051iP / MT8051iP*



RS422 Port 25P D-Sub Male (Diagram 5 ~ Diagram 8)

Diagram 5

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

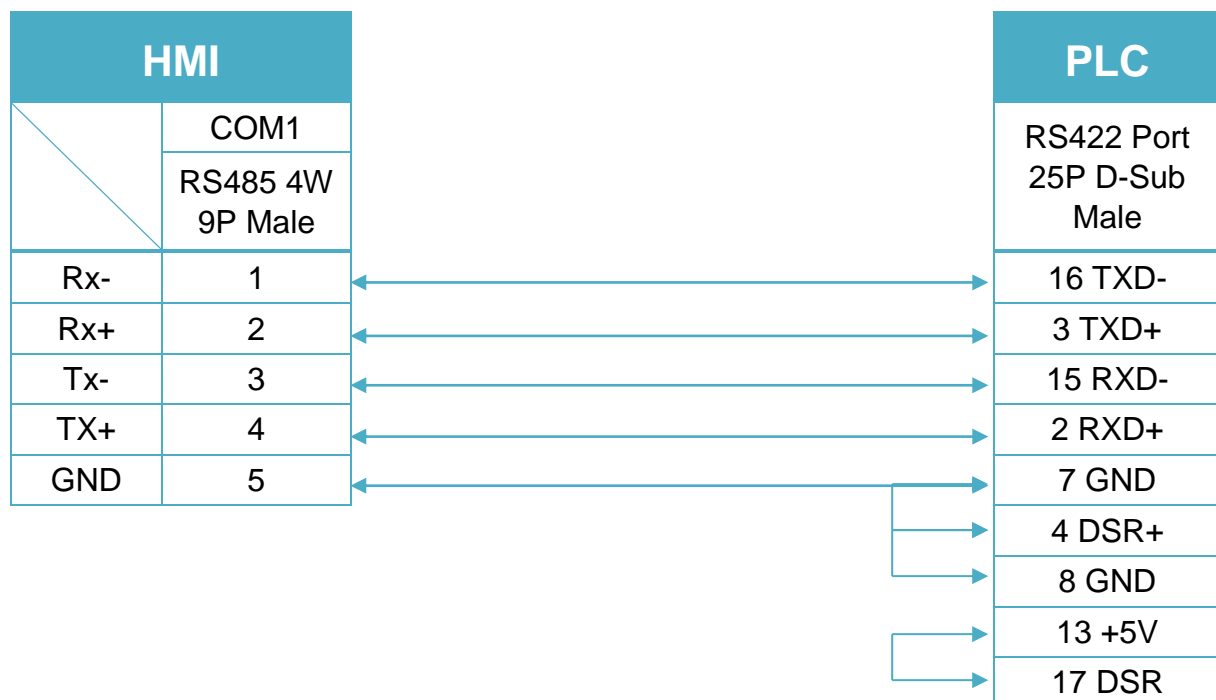


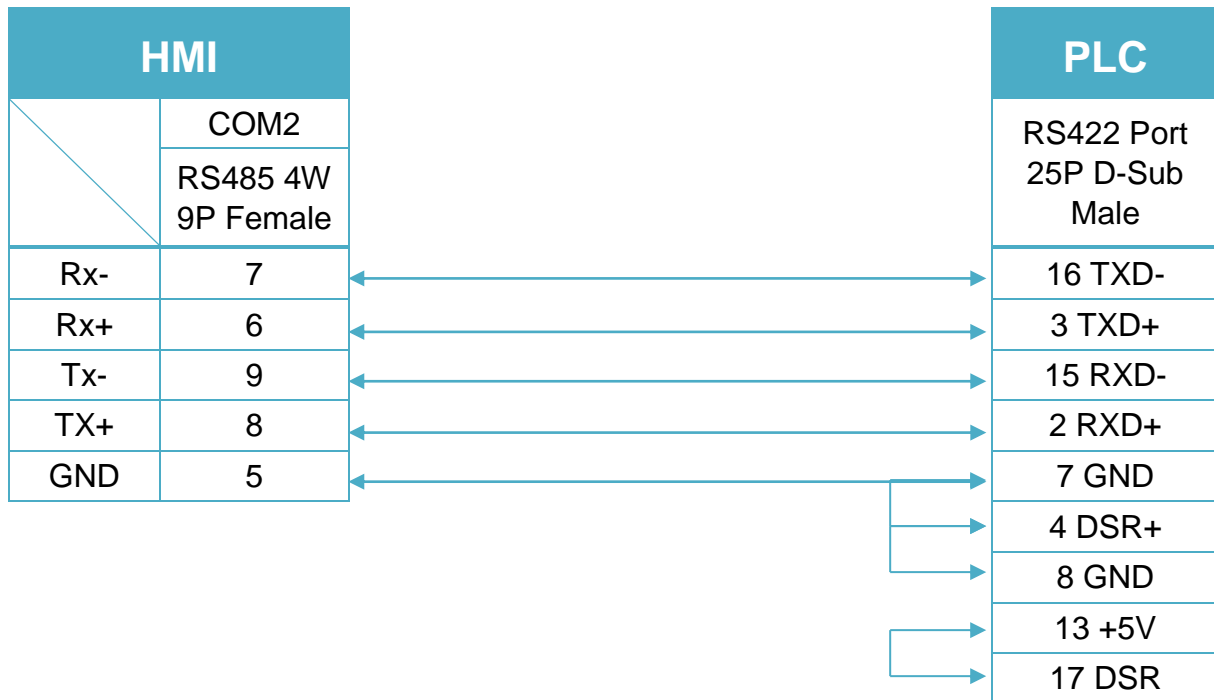
Diagram 6
cMT Series
cMT-SVR / cMT-G01 / cMT-G02 / cMT-HDM / cMT-FHD
mTV
mTV


Diagram 7

cMT Series	<i>cMT3071 / cMT3072 / cMT3090 / cMT3103</i>
MT-iE	<i>MT8071iE / MT6071iE / MT8072iE / MT6072iE / MT8073iE / MT8101iE / MT8102iE / MT8103iE</i>
MT-XE	<i>MT8090XE / MT8092XE</i>
MT-iP	<i>MT6071iP / MT8071iP / MT6103iP / MT8102iP</i>

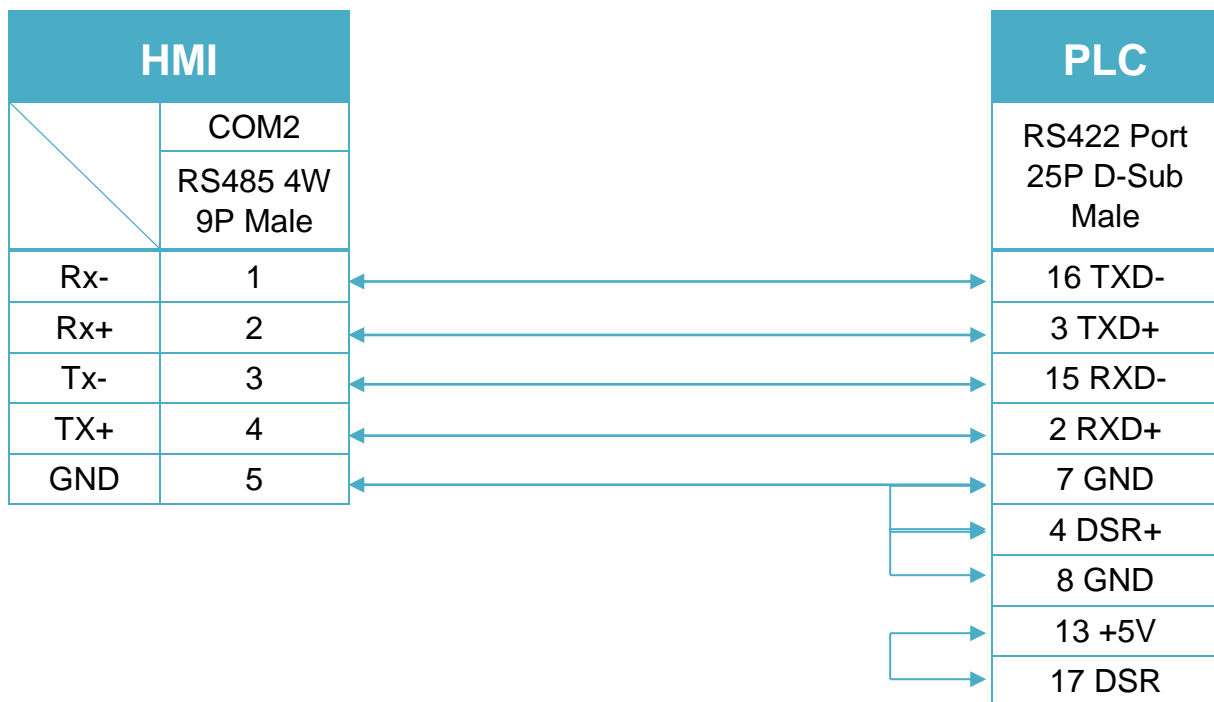


Diagram 8

MT-iE *MT8050iE / MT8053iE*

MT-iP *MT6051iP / MT8051iP*

