

Mitsubishi A2US

Supported Series: Mitsubishi A2US

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

HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	Mitsubishi A2US		
PLC I/F	RS232		
Baud rate	9600		
Data bits	8		
Parity	Odd		
Stop bits	1		
PLC sta. no.	0		

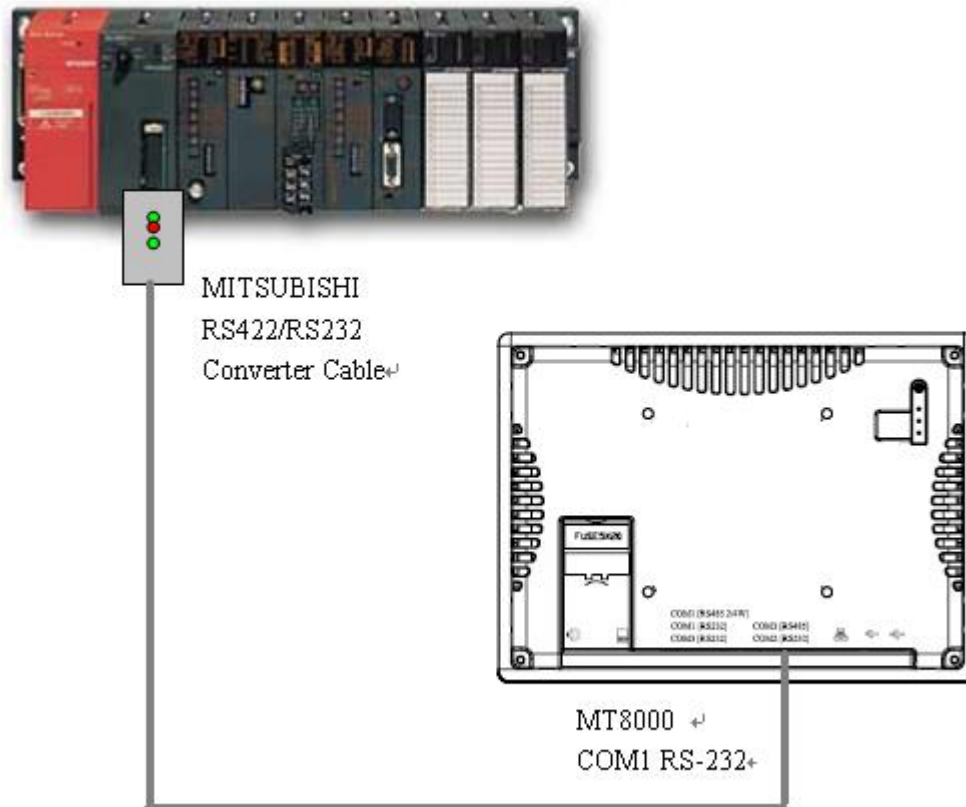
Device Address:

Bit/Word	Device type	Format	Range	Memo
B	X	HHHH	0 ~ 270f	Input Relay
B	Y	HHHH	0 ~ 270f	Output Relay
B	M	DDDD	0 ~ 9999	Auxiliary Relay
W	TV	DDD	0 ~ 255	Timer Memory
W	CV	DDD	0 ~ 255	Counter Memory
W	D	DDDD	0 ~ 9999	Data Register

Wiring Diagram:

Use the RS422 to RS232 PLC programming cable (shown as follows)

MITSUBISHI AnS CPU



Note: Due to hardware limitations, this PLC is not supported by HMI models without RTS/CTS.

Diagram 1

RS-232

The serial port pin assignments may vary between HMI models, please click the following link for more information.

HMI	PLC Programming Converter		PLC
Link			RS422 25P D-Sub Male
Rx	TX	TX+	2 RX+
Tx	RX	RX+	3 TX+
GND	GND	DTR+	4 DSR+
RTS	CTS	GND	7 GND
CTS	RTS	TX-	15 RX-
		RX-	16 TX-
		DTR-	17 DSR-

Diagram 2

cMT-G01, cMT-G02, cMT-SVR-100/200, cMT-FHDX-820, cMT-SVRX-820 connection diagram

HMI		PLC
Link RS485-4W		A Series PLC CPU 25 pin
8 TX+	←→	2 RX+
9 TX-	←→	15 RX-
6 RX+	←→	3 TX+
7 RX-	←→	16 TX-
1 Data+	←→	4 CTS+
4 Data-		17 CTS-
5 GND		7GND
		20 21 Short