

## Mitsubishi AJ71

Supported Series: Mitsubishi A series PLC with AJ71C24 communication module using the Computer Link protocol.

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

### HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	Mitsubishi AJ71	Mitsubishi AJ71 (AnA/AnU CPU), Mitsubishi AJ71 (Format 4)	
PLC I/F	RS485 4W	RS485 4W, RS232	
Baud rate	19200	9600, 19200	
Data bits	8	8	
Parity	Even	Even, Odd, None	
Stop bits	1	1	
PLC sta. no.	0		

### PLC Setting:

Communication mode	Computer Link protocol 9600, Even, 8, 1 (default)
Mode setting switch	Format 1
Parity check	Enable
Sum check	Enable

### Device Address:

Bit/Word	Device type	Format	Range	Memo
B	X	HHHH	0 ~ ffff	Input Bits
B	Y	HHHH	0 ~ ffff	Output Bits
B	M	DDDDD	0 ~ 65535	Internal Relays
B	L	DDDDD	0 ~ 65535	
B	T	DDDDD	0 ~ 65535	
B	C	DDDDD	0 ~ 65535	
B	B	HHHH	0 ~ ffff	
B	F	DDDDD	0 ~ 65535	
W	TV	DDDDD	0 ~ 65535	Timer Preset Value
W	CV	DDDDD	0 ~ 65535	Counter Preset Value

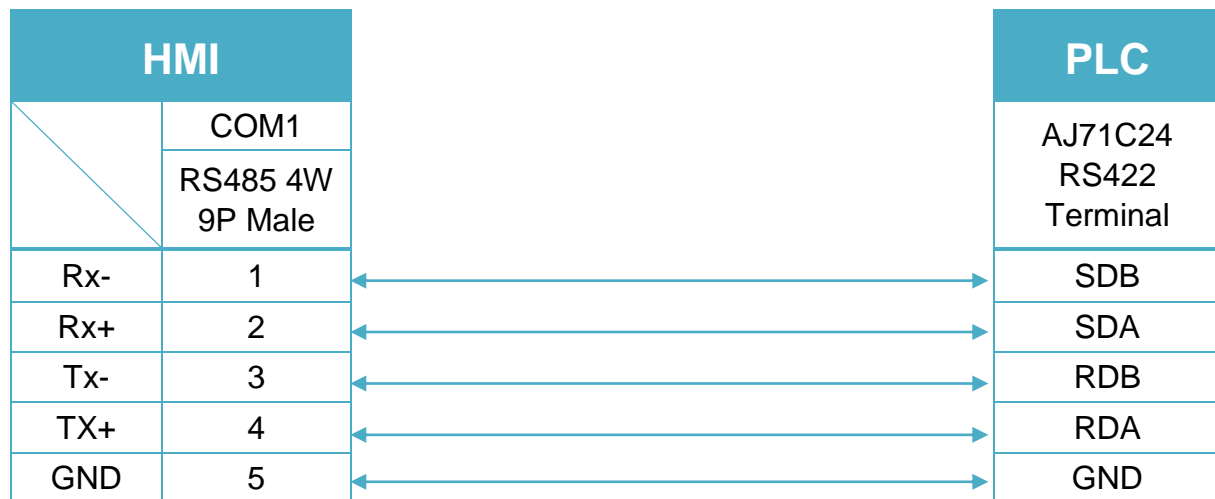
Bit/Word	Device type	Format	Range	Memo
W	D	DDDDD	0 ~ 65535	Data Registers
W	W	HHHH	0 ~ ffff	
W	R	DDDDD	0 ~ 65535	

## Wiring Diagram:

AJ71C24 RS422 Terminal (Diagram 1 ~ Diagram 4)

### Diagram 1

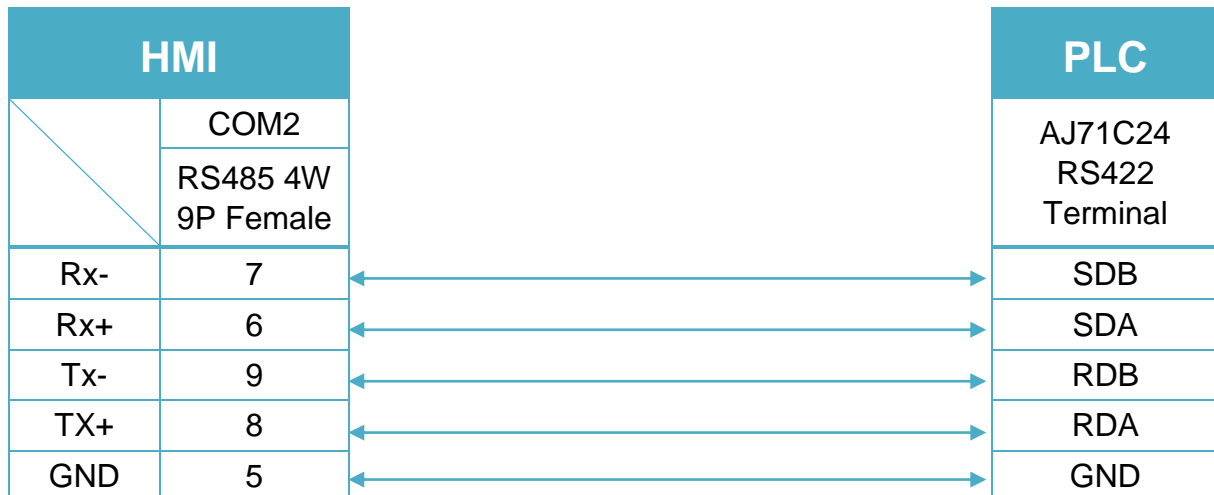
<b>cMT Series</b>	<b><i>cMT3151</i></b>
<b>eMT Series</b>	<b><i>eMT3070 / eMT3105 / eMT3120 / eMT3150</i></b>
<b>MT-iE</b>	<b><i>MT8070iE / MT6070iE / MT8100iE / MT8121iE / MT8150iE</i></b>
<b>MT-XE</b>	<b><i>MT8121XE / MT8150XE</i></b>



## Diagram 2

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

**mTV**                                *mTV*



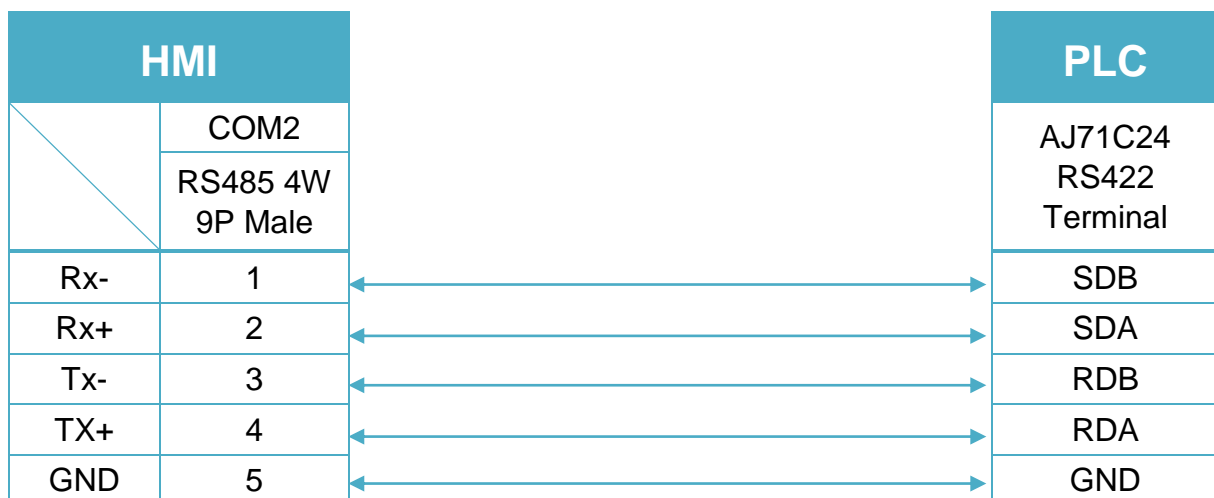
## Diagram 3

**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

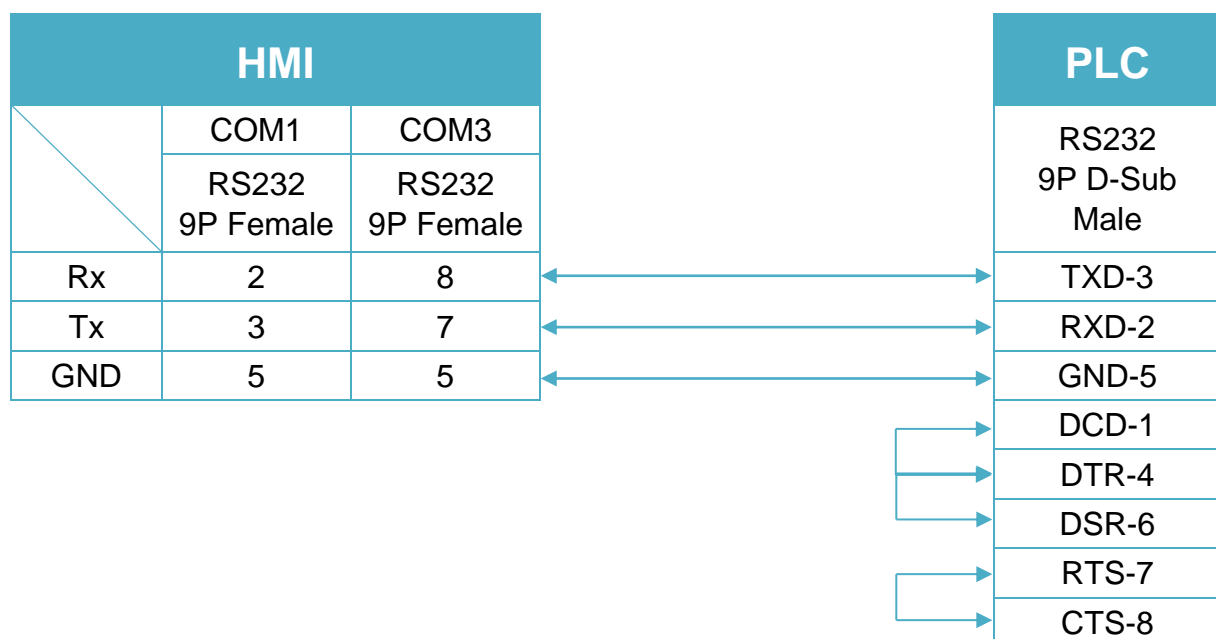
**MT-iE**                      *MT8050iE / MT8053iE*

**MT-iP**                      *MT6051iP / MT8051iP*



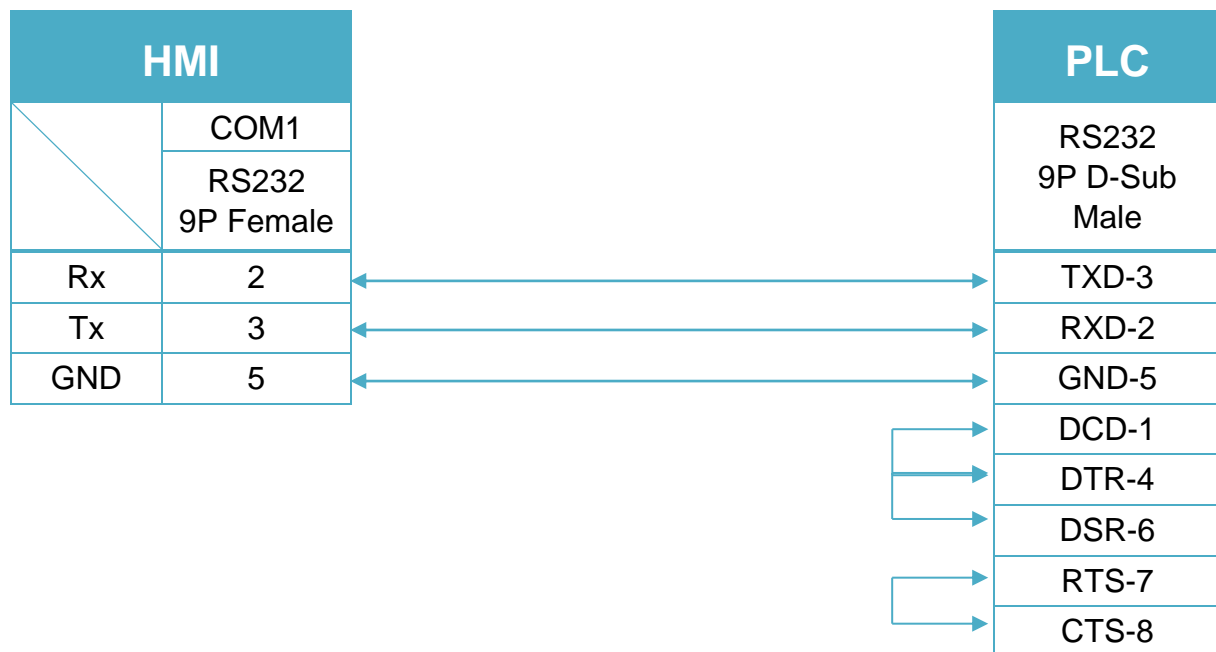
A1SJ71UC24-R2 (Diagram 5 ~ Diagram 7)

### Diagram 5

**cMT Series**                      *cMT3071 / cMT3072 / cMT3090 / cMT3103 / cMT3151*
**eMT Series**                      *eMT3070 / eMT3105 / eMT3120 / eMT3150*
**MT-iE**                              *MT8073iE / MT8102iE*
**MT-XE**                            *MT8092XE*
**MT-iP**                              *MT6103iP / MT8102iP*


## Diagram 6

<b>cMT Series</b>	<b><i>cMT-SVR / cMT-G01 / cMT-G02 / cMT-HDM / cMT-FHD</i></b>
<b>mTV</b>	<b><i>mTV</i></b>
<b>MT-iE</b>	<b><i>MT8070iE / MT6070iE / MT8100iE / MT8121iE / MT8150iE / MT8071iE / MT6071iE / MT8072iE / MT6072iE / MT8073iE / MT8101iE / MT8102iE / MT8103iE</i></b>
<b>MT-XE</b>	<b><i>MT8121XE / MT8150XE / MT8090XE</i></b>



## Diagram 7

**MT-iE**                      *MT8050iE / MT8053iE*

**MT-iP**                      *MT6051iP / MT8051iP / MT6071iP / MT8071iP*

