Mitsubishi A Series/J71UC24 Computer Link

HMI Factory Setting:

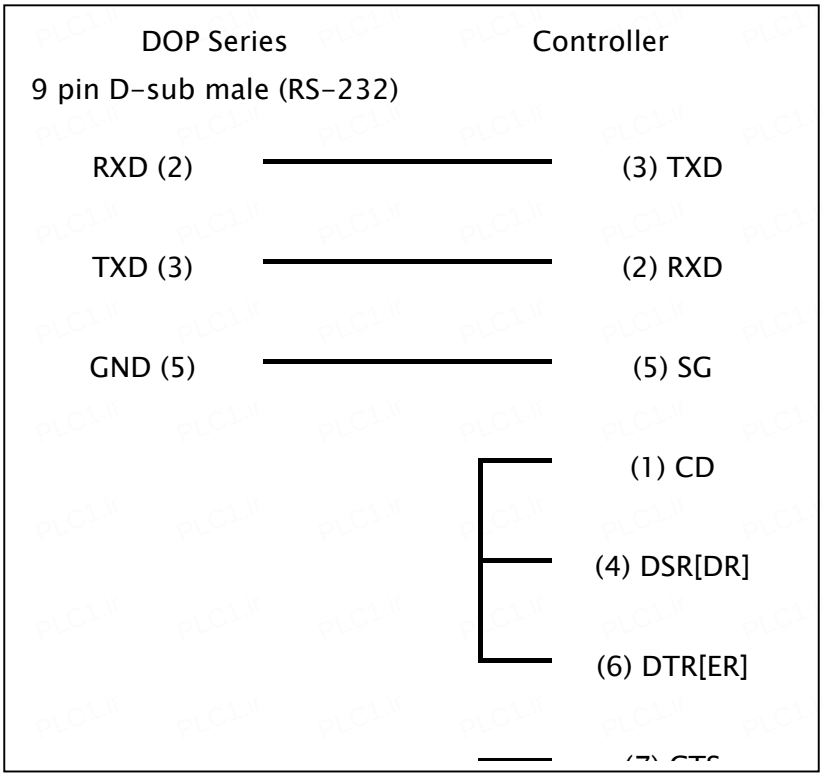
Baud rate: 9600, 8, ODD, 1

Controller Station Number: 0 (Note 1)

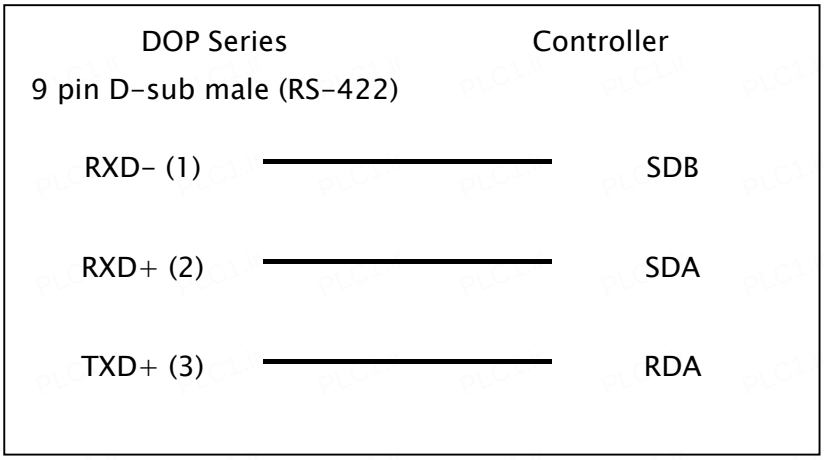
Control Area / Status Area: D0/D10

Connection

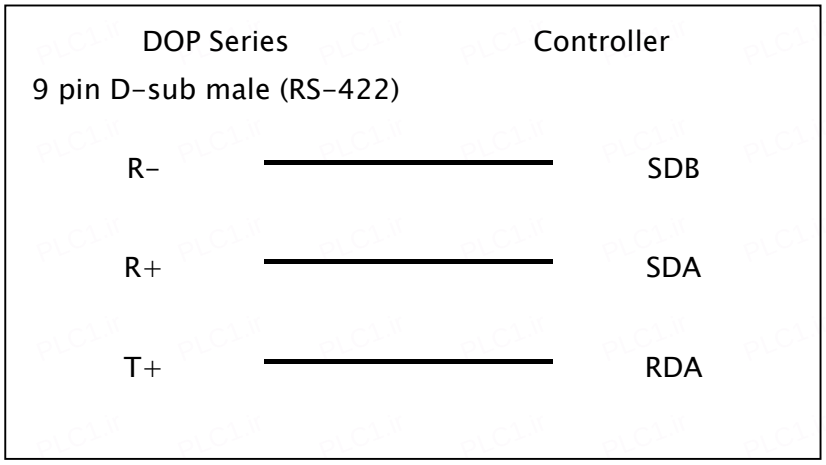
a. RS-232 (DOP-A/AE/AS, DOP-B Series)



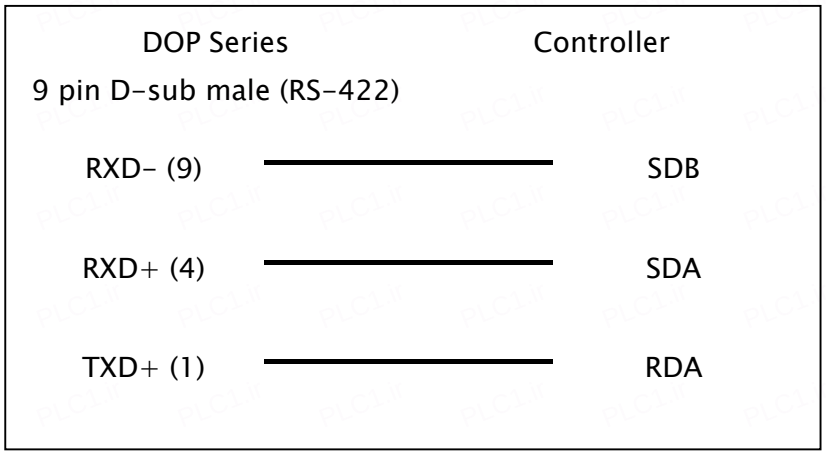
b. RS-422 (DOP-A/AE Series)



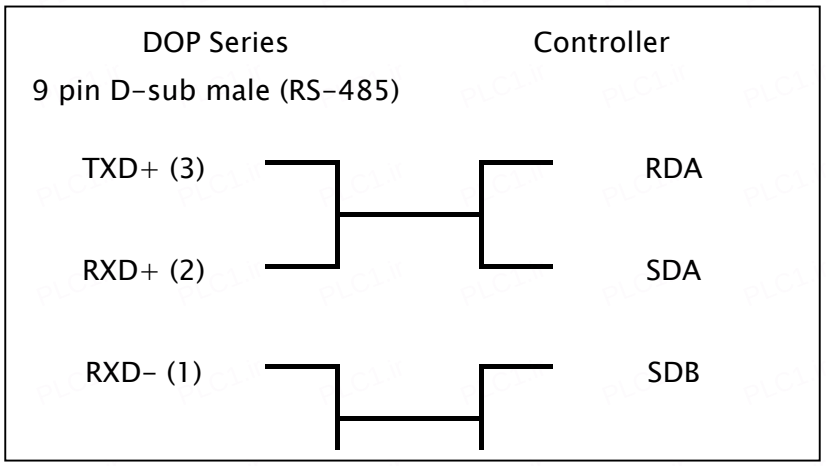
c. RS-422 (DOP-AS35/AS38/AS57 Series)



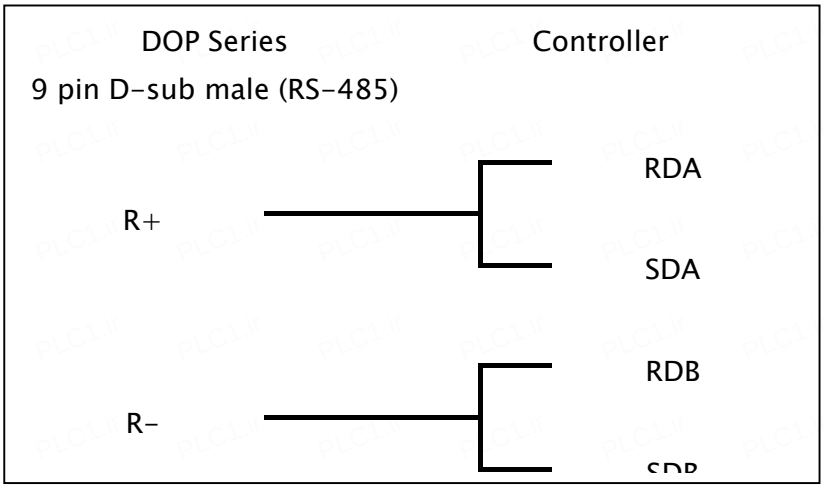
d. RS-422 (DOP-B Series)



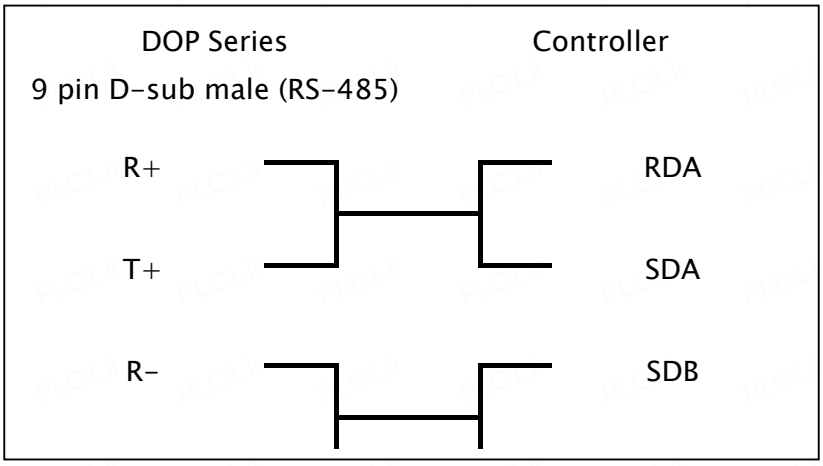
e. RS-485 (DOP-A/AE Series)



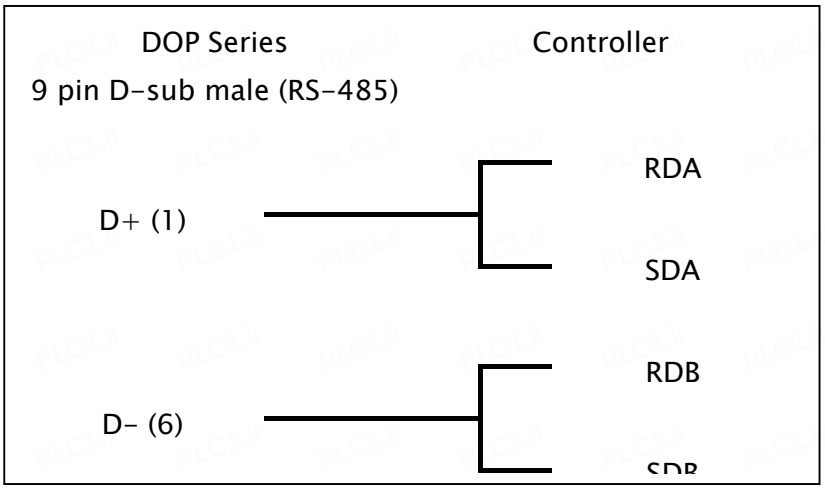
f. RS-485 (DOP-AS57 Series)



g. RS-485 (DOP-AS35/AS38 Series)



h. RS-485 (DOP-B Series)



Definition of PLC Read/Write Address

a. Registers

Type	Format	Read/Write Range	Data Length	Note
	Word No. (n)			
Input	Xn	X0 – X7FF	Word	3
Output	Yn	Y0 – X7FF	Word	3
Link Relay	Bn	B0 – BFFF	Word	3
Internal Relay	Mn	M0 – M8176	Word	3
Special Internal Relay	SMn	SM9000 – SM9240	Word	4
Latch Relay	Ln	L0 – L2032	Word	3
Annunciator	Fn	F0 – F2032	Word	3
Timer Value	TNn	TN0 – TN999	Word	
Counter Value	CNn	CN0 – CN999	Word	
Data Register	Dn	D0 – D8191	Word	
Special Data Register	SDn	SD9000 – SD9255	Word	
File Register	Rn	R0 – R8191	Word	
Link Register	Wn	W0 – WFFF	Word	

b. Contacts

Type	Format	Read/Write Range	Note
	Bit No. (b)		
Input	Xb	X0 – X7FF	
Output	Yb	Y0 – Y7FF	
Link Relay	Bb	B0 – BFFF	
Internal Relay	Mb	M0 – M8191	
Special Internal Relay	SMb	SM9000 – SM9255	
Latch Relay	Lb	L0 – L2047	
Annunciator	Fb	F0 – F2047	
Timer Contact	TSb	TS0 – TS999	
Timer Coil	TCb	TC0 – TC999	
Counter Contact	CSb	CS0 – CS999	
Counter Coil	CCb	CC0 – CC999	

NOTE

1) a. The mode switch setting of AJ71UC24-R2 communication is 4 (Form 4), station number can only be 0.

b. The mode switch setting of AJ71UC24-R4 communication is 8 (Form 4), station number can be determined by switch setting X1/X10.

After PLC communication mode switch is set, please re-activate the PLC.
The protocol is CheckSum and PLC Mode is Form 4. For switch setting of other communication parameter, please refers to Mitsubishi user manual.

2) Parameter is set by the programming software GX Developer, please refers to PLC user manual for set up instruction.

3) Device address should be the multiple of 16.

4) Device address should be the multiple of 16 plus 9000.

5) When certain Output Relay (**Y**) and Special Data Relay (**SM**) are set as 1, PLC will stop function. Please RESET the PLC for re-activation.

6) Though the default setting is in short communication address, this protocol supports both Short/ Long communication address. If only certain type of address is suitable to your device, address format can be changed in special parameter under the setting menu.