

Mitsubishi Q Series Computer Link (3C Frame)

HMI Factory Setting:

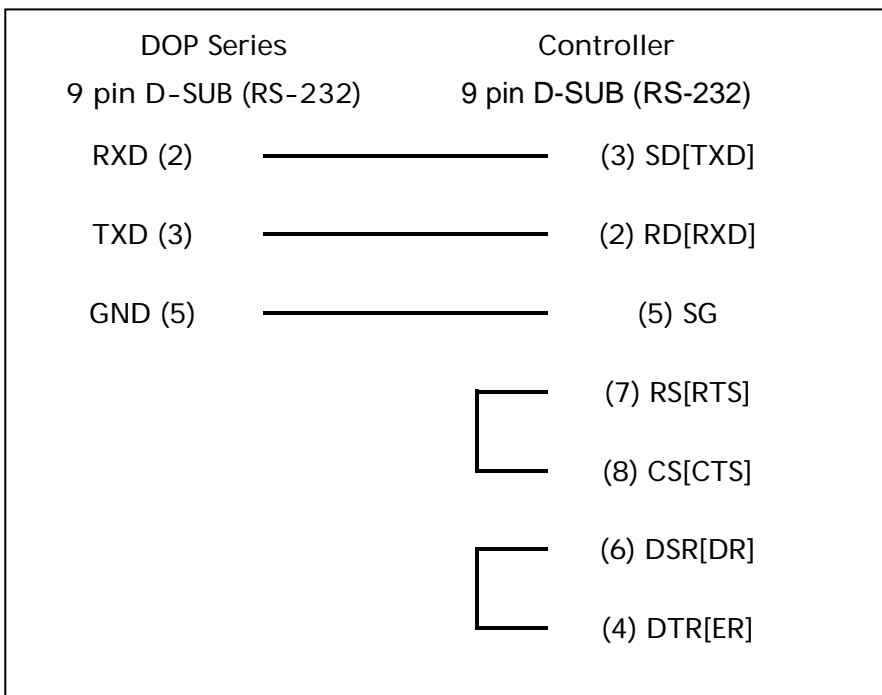
Baud rate: 19200, 8, Odd, 1

Controller Station Number: 0

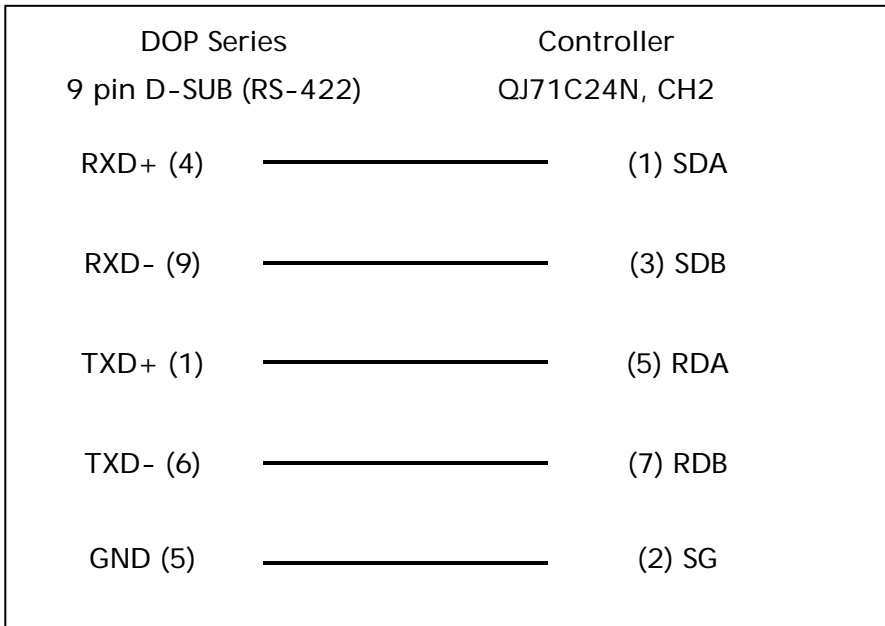
Control Area / Status Area: D0 / D10

Connection

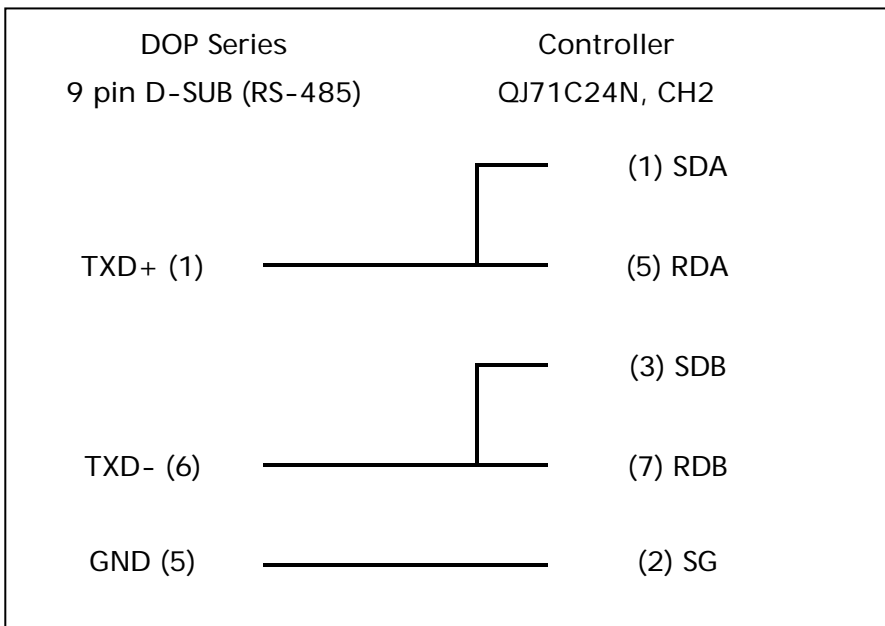
a. RS-232 (DOP-A/AE/AS, DOP-B Series)



b. RS-422 (DOP-B Series)



c. 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	X-n	X-0 - X-1FFF	Word	Hexadecimal, 2
Output	Y-n	Y-0 - Y-1FFF	Word	Hexadecimal, 2

Type	Format	Read/Write Range	Data Length	Note
	Word No. (n)			
Direct input	DX-n	DX-0 – DX-1FFF	Word	Hexadecimal, 2
Direct output	DY-n	DY-0 – DY-1FFFF	Word	Hexadecimal, 2
Latch Relay	L-n	L-0 – L-32767	Word	2
Annunciator	F-n	F-0 – F-32767	Word	2
Edge Relay	V-n	V-0 – V-32767	Word	2
Step Relay	S-n	S-0 – S-8191	Word	2
Link Relay	B-n	B-0 – B-7FFF	Word	Hexadecimal, 2
Special Link Relay	SB-n	SB-0 – SB-7FF	Word	Hexadecimal, 2
Internal Relay	M-n	M-0 – M-32767	Word	2
Special Internal Relay	SM-n	SM-0 – SM-2047	Word	2
Timer Value	TN-n	TN-0 – TN-23087	Word	
Retentive timer Value	SN-n	SN-0 – SN-23087	Word	
Counter Value	CN-n	CN-0 – CN-23087	Word	
Data Register	D-n	D-0 – D-25983	Word	
Special Data Register	SD-n	SD-0 – SD-2047	Word	
Index Register	Z-n	Z-0 – Z-19	Word	
File Register	R-n	R-0 – R-32767	Word	
File Register	ZR-n	ZR-0 – ZR-FFFF	Word	Hexadecimal
Link Register	W-n	W-0 – W-657F	Word	Hexadecimal
Special Link Register	SW-n	SW-0 – SW-7FF	Word	Hexadecimal

b. Contacts

Type	Format	Read/Write Range	Note
	Bit No. (b)		
Input	X-b	X-0 – X-1FFF	Hexadecimal
Output	Y-b	Y-0 – Y-1FFF	Hexadecimal
Direct input	DX-b	DX-0 – DX-1FFF	Hexadecimal
Direct output	DY-b	DY-0 – DY-1FFF	Hexadecimal
Latch Relay	L-b	L-0 – L-32767	
Annunciator	F-b	F-0 – F-32767	
Edge Relay	V-b	V-0 – V-32767	
Step Relay	S-b	S-0 – S-8191	

Type	Format	Read/Write Range	Note
	Bit No. (b)		
Link Relay	B-b	B-0 – B-7FFF	Hexadecimal
Special Link Relay	SB-b	SB-0 – SB-7FF	Hexadecimal
Internal Relay	M-b	M-0 – M-32767	
Special Internal Relay	SM-b	SM-0 – SM-2047	
Timer Contact	TS-b	TS-0 – TS-23087	
Timer Coil	TC-b	TC-0 – TC-23087	
Retentive timer Contact	SS-b	SS-0 – SS-23087	
Retentive timer Coil	SC-b	SC-0 – SC-23087	
Counter Contact	CS-b	CS-0 – CS-23087	
Counter Coil	CC-b	CC-0 – CC-23087	

 **NOTE**

- 1) If the baud rate is incorrect, HMI will set PLC baud rate as HMI baud rate automatically.
- 2) The device address must be the multiple of 16.
- 3) It can set Format Type on "DopSoft → Communication Setting → Com port → Extra", default is "Type 4".

