Delta ASD-M-R

HMI Factory Setting:

Baud rate: 115200, 8, None, 1

Controller Station Number: 4

Control Area / Status Area: DH0/DH10

Connection
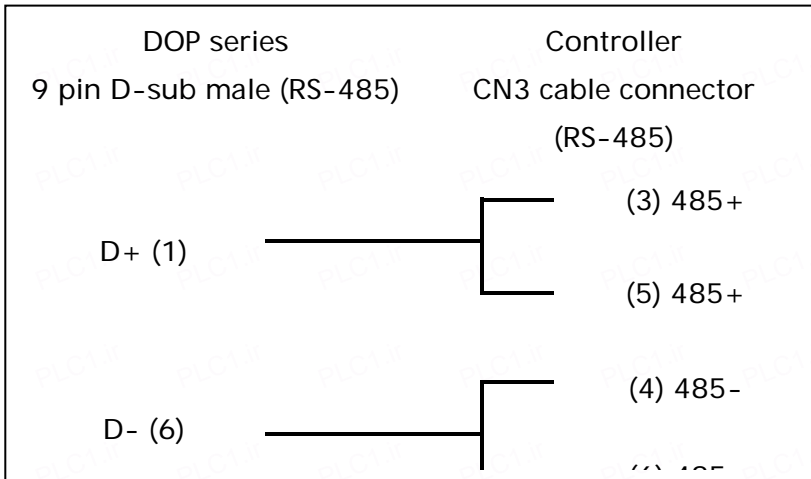
Delta Servo

a. RS-232 (DOP-B Series)

DOP series	Controller
9 pin D-sub male (RS-232)	CN3 cable connector
	(RS-232)
RXD (2) ———————	(2) TX
TXD (3) ———————	(4) RX
GND (5)	(1) GND

b. RS-422 (DOP-B Series)

DOP series	Controller
9 pin D-sub male (RS-422)	CN3 cable connector
	(RS-422)
RXD- (9) ———————	(6) TX-
RXD+ (4) ———————	(5) TX+
TXD+ (1) ———————	(3) RX+
TXD- (6)	(4) RX-

c. RS-485 (DOP-B Series)

```
┌─────────────────────────────────────────────────────┐
│        DOP series              Controller            │
│  9 pin D-sub male (RS-485)   CN3 cable connector     │
│                                  (RS-485)            │
│                              ┌────── (3) 485+         │
│                              │                        │
│     D+ (1) ──────────────────┤                        │
│                              └────── (5) 485+         │
│                                                       │
│                              ┌────── (4) 485-         │
│     D- (6) ──────────────────┤                        │
│                              └────── (4) 485-         │
└─────────────────────────────────────────────────────┘
```

Definition of PLC Read/Write Address

a. Registers

Type	Format Word No. (n)	Read/Write Range	Data Length	Note
Servo Communication Address DH	DHn	DH0 – DH20479	Word	
Servo Communication Address DV	DVn	DV0 – DV20479	Word	
Servo Communication Address MH	MHn	MH0 – MH2047	Word	
Servo Communication Address MV	MVn	MV0 – MV14335	Word	
Servo Communication Address X	Xn	X0 – X1023	Word	
Servo Communication Address Y	Yn	Y0 – Y1023	Word	
Servo Communication Address T	Tn	T0 – T1023	Word	Read Only
Servo Communication Address CU	CUn	CU0 – CU1023	Word	Read Only
Servo Communication Address CD	CDn	CD0 – CD1023	Word	Read Only
Servo Communication Address	SERVO-n	SERVO-0 – SERVO-FFFF	Word	Hexadecimal

b. Contacts

Type	Format	Read/Write Range	Note

	Word No.(n) Bit No. (b)		
Servo Communication Address DH	**DH**n.b	**DH**0.0 – **DH**20479.15	
Servo Communication Address DV	**DV**n.b	**DV**0.0 – **DV**20479.15	
Servo Communication Address MH	**MH**n.b	**MH**0.0 – **MH**2047.15	
Servo Communication Address MV	**MV**n.b	**MV**0.0 – **MV**14335.15	
Servo Communication Address X	**X**n.b	**X**0.0 – **X**1023.15	
Servo Communication Address Y	**Y**n.b	**Y**0.0 – **Y**1023.15	
Servo Communication Address T	**T**n	**T**0 – **T**1023	Read Only
Servo Communication Address CU	**CU**n	**CU**0 – **CU**1023	Read Only
Servo Communication Address CD	**CD**n	**CD**0 – **CD**1023	Read Only
Servo Communication Address	**SERVO–**n.b	**SERVO–**0.0 – **SERVO–**FFFF.F	Hexadecimal

NOTE

1) This communication protocol only supports ASD-M-0721-R and ASD-M-1521-R using RTU transmission mode.