**DUP** Series HMI Connection Manual

## 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
	(4) OND

### 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+

c. RS-485 (DOP-B Series)

# DUP Series HMI Connection Manual



### Definition of PLC Read/Write Address

### a. Registers

Typo		Format	Dood /Write Dange	Data	Note
туре		Word No. (n)	Read/ Write Range	Length	
Servo Communication Address DH	PLC1	DHn	<b>DH</b> 0 – <b>DH</b> 20479	Word	PLC1.Ir
Servo Communication Address DV	PLC1	DVn	<b>DV</b> 0 – <b>DV</b> 20479	Word	PLC1.Ir
Servo Communication Address MH	PLC1	MHn	<b>MH</b> O – <b>MH</b> 2047	Word	PLC1.Ir
Servo Communication Address MV	PLC1	MVn	<b>MV</b> 0 – <b>MV</b> 14335	Word	PLC1.Ir
Servo Communication Address X	PLC1	Xn	<b>X</b> 0 – <b>X</b> 1023	Word	PLG1.ir
Servo Communication Address Y	PLC1	Yn	<b>Y</b> 0 – <b>Y</b> 1023	Word	PLC1.it
Servo Communication Address T	PLC1	Tn	T0 – T1023	Word	Read Only
Servo Communication Address CU	PLC1	CUn	<b>CU</b> 0 – <b>CU</b> 1023	Word	Read Only
Servo Communication Address CD	PLC1	CDn	CD0 – CD1023	Word	Read Only
Servo Communication Address	PLC1	SERVO-n	SERVO-0 – SERVO-FFFF	Word	Hexadecimal

### b. Contacts

PL	Туре	Format	Read/Write Range	Note
24	26	21.1	V1.00 F	evision July, 2014

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aLC1 <sup>III</sup> aLC1 <sup>III</sup> aLC1	Word No.(n) Bit No. (b)	alory alory alory	0101.11
Servo Communication	DHn.b	BU0.0 BU0047045	
Address DH		DH0.0 - DH20479.15	pLC1.ir
Servo Communication	<b>DV</b> n.b		
Address DV		<b>DV</b> 0.0 - <b>DV</b> 20479.15	
Servo Communication	MHn.b		
Address MH		MH0.0 - MH2047.15	-1 C1. <sup>31</sup>
Servo Communication	<b>MV</b> n.b		
Address MV		<b>WW</b> 0.0 - <b>WW</b> 14335.15	OL G1. <sup>11</sup>
Servo Communication	<b>X</b> n.b	<b>X</b> 0.0 – <b>X</b> 1023.15	
Address X			or C1. <sup>irr</sup>
Servo Communication	Yn.b	<b>Y</b> 0.0 – <b>Y</b> 1023.15	
Address Y			$\sim 10^{10}$
Servo Communication	Tn	T0 – T1023	Read Only
Address T			
Servo Communication	CUn	<b>CU</b> 0 – <b>CU</b> 1023	Read Only
Address CU			
Servo Communication	CDn	<b>CD</b> 0 – <b>CD</b> 1023	Read Only
Address CD			
Servo Communication		SERVO-0.0 – SERVO-FFFF.F	Hexadecimal
Address	SERVU-II.D		

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