

Delta AS series PLC (Standard Modbus)

HMI Factory Setting:

Baud Rate: 9600. 7. Even. 1.

Controller Station Number: 1

Control Area / Status Area: D0/D10

Applicable models: DOP-B / DOP-W / DOP-H / HMC series 、DOP-100

Connection

a. RS-232

DOP series		Controller	
9 pin D-sub (RS-232)		9 pin D-sub male (RS-232)	
RXD (2)	—————	(2) TXD	
TXD (3)	—————	(3) RXD	
GND (5)	—————	(5) GND	

b. RS-485

DOP 9 pin D-sub (RS-485)		Controller RS-485 Terminal	
D+ (1)	—————	D+	
D- (6)	—————	D-	

Definition of PLC Read/Write Address

a. Registers

Type	Format	Read/Write Range	Data Length	Note
	Word No. (n)			
X_Register	Xn	X0 - X63	Word	
Y_Register	Yn	Y0 - Y63	Word	
S_Register	Sn	S0 - S2047	Word	1
M_Register	Mn	M0 - M8191	Word	1
SM_Register	SMn	SM0 - SM2047	Word	1
D_Register	Dn	D0 - D29999	Word	

SR_Register	SRn	SR0 - SR2047	Word	
E_Register	En	E0 - E9	Word	
T_Register	Tn	T0 - T511	Word	
C_Register	Cn	C0 - C511	Word	
HC_Register	HCn	HC0 - HC255	Double Word	

b. Contacts

Type	Format	Read/Write Range	Note
	Bit No. (b)		
X_Coil	Xn.b	X0.0 - X63.15	
Y_Coil	Yn.b	Y0.0 - Y63.15	
D_Coil	Dn.b	D0.0 - D29999.15	
S_Coil	Sb	S0 - S2047	
M_Coil	Mb	M0 - M8191	
SM_Coil	SMb	SM0 - SM2047	
T_Coil	Tb	T0 - T511	
C_Coil	Cb	C0 - C511	
HC_Coil	HCb	HC0 - HC255	



- 1) The device address must be the multiple of 16.