

Delta 15MC

HMI Factory Setting:

Baud Rate: 9600. 7. Even. 1

Controller Station Number: 1

Control Area / Status Area: %MW0/%MW10

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)		15 pin D-sub Female (RS-232)	
RXD (2)	—————	(3) TXD	
TXD (3)	—————	(9) RXD	
GND (5)	—————	(5) GND	

b. RS-485

DOP 9 pin D-sub (RS-485)		Controller 15 pin D-sub Female (RS-232)	
D+ (1)	—————	(11) D+	
D- (6)	—————	(12) D-	

Definition of PLC Read/Write Address

a. Registers

Type	Format	Read/Write Range	Data Length	Note
	Word No. (n)			
Input Relay	%IWn	%IW0 - %IW63	Word	Read Only
Output Relay	%QWn	%QW0 - %QW63	Word	
M_Data	%MWn	%MW0 - %MW65535	Word	
Input Relay	%IDn	%ID0 - %ID31	Double Word	Read Only
Output Relay	%QDn	%QD0 - %QD31	Double Word	
M_Data	%MDn	%MD0 - %MD32767	Double Word	

b. Contacts

Type	Format	Read/Write Range	Note
	Byte No.(n) ; Bit No.(b)		
Input Relay	%IXn.b	%IX0.0 - %IX127.7	Read Only
Output Relay	%QXn.b	%QX0.0 - %QX127.7	
M_Data	%MXn.b	%MX0.0 - %MX131071.7	



- 1) Controller provides two communication mode to connect with Delta 15MC, there are ASCII and RTU. It can be selected in DOPSoft → Communication Setting → Mitsubishi FX3U Ethernet Controller→ Extra. 1 of Extra tab. Default is ASCII Protocol. Please use software Delta CANopen Builder to set communication mode of Delta 15MC.

