

## Panasonic FP7 Series PLC

### HMI Factory Setting:

Baud rate: 9600, 8, Odd, 1

Controller Station Number: 238([Note 1](#))

Control Area / Status Area: DT0 / DT10

### Connection

#### a. RS-232 for FP7 (DOP-A/AE/AS, DOP-B Series)

DOP Series		Controller
9 pin D-SUB (RS-232)		5 pin Mini DIN male(RS-232 for FP0)
RXD (2)	—————	(2) TXD
TXD (3)	—————	(3) RXD
GND (5)	—————	(1) SG

## Definition of PLC Read/Write Address

### a. Registers

Type	Format	Read/Write Range	Data Length	Note
	Word No. (n)			
Internal Relay	WRn	WR0 – WR2047,	Word	
Link Relay	WLn	WL0 – WL1023	Word	
External Input Relay	WXn	WX0 – WX511	Word	
External Output Relay	WYn	WY0 – WY511	Word	
Data Register	DTn	DT0 – DT999423	Word	
Special Data Register	SDn	SD0 –SD39	Word	
		SD50 –SD85	Word	
		SD100 –SD115	Word	
		SD120 –SD125	Word	
Link Data Register	LDn	LD0 – LD16383	Word	
Timer Setting Value	TSn	TS0 – TS4095	Double Word	
Timer Elapsed Value	TEn	TE0 – TE4095	Double Word	
Counter Setting Value	CSn	CS0 – CS4095	Double Word	
Counter Elapsed Value	CEn	CE0 – CE4095	Double Word	

### b. Contacts

Type	Format	Read/Write Range	Note
	Slot No. (s) Word No. (n) Bit No. (b)		
Internal Relay	Rnb	R00 – R2047F	
Special Internal Relay	SRnb	SR00 – SR3F	
		SR100 – SR259	
		SR1000 – SR1499	
Link Relay	Lnb	Ln00 – Ln1023F	
External Input Relay	Xnb	Xn00 – Xn511F	
External Output Relay	Ynb	Yn00 – Yn511F	
Direct Input	INs.nb	IN1.00 – IN64.62F	
Direct Output	OTs.nb	OT1.00 – OT64.62F	
Pulse Relay	Pnb	P00 – P255F	
Error Notification Relay	Eb	E0 – E4095	
Timer Flag Contact	Tb	T0 – T3071	
Counter Flag Contact	Cb	C0 – C3071	

 **NOTE**

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- 1) PLC default setting is 238. It supports the external device connections of all station number. To change the setting, PLC supports station number range from 0 to 99. For more detail on PLC station number, please refer to PLC user manual.