Panasonic FP 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 FP0 (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

b. RS-232 for FP1 (DOP-A/AE/AS, DOP-B Series)

DOP Series	Controller
9 pin D-SUB (RS-232)	9 pin D-SUB male(RS-232 for FP1)

RXD- (2) ———————— (2) TXD

RXD+ (3) ———————— (3) RXD

TXD+ (5) ———————— (7) GND

(4) RTS

(5) CTS

Definition of PLC Read/Write Address

a. Registers

Type	Format Word No. (n)	Read/Write Range	Data Length	Note
Internal Relay	**WR**n	**WR**0 – **WR**886,	Word	
Special Internal Relay		**WR**900 – **WR**911		
Link Relay	**WL**n	**WL**0 – **WL**639	Word	
External Input Relay	**WX**n	**WX**0 – **WX**511	Word	
External Output Relay	**WY**n	**WY**0 – **WY**511	Word	
Timer/Counter P.V.	**EV**n	**EV**0 – **EV**3071	Word	
Timer/Counter S.V.	**SV**n	**SV**0 – **SV**3071	Word	
Data Register	**DT**n	**DT**0 – **DT**32764	Word	
Link Data Register	**LD**n	**LD**0 – **LD**8447	Word	
File Register	**FL**n	**FL**0 – **FL**32764	Word	
Speical Data Register	**DT9_**n	**DT9_**0 – **DT9_**511	Word	2

b. Contacts

Type	Format Word No. (n) Bit No. (b)	Read/Write Range	Note
Internal Relay	**R**nb	**R**n00 – **R**n886F	
Special Internal Relay	**R**nb	**R**n9000 – **R**n911F	
Link Relay	**L**nb	**L**n00 – **L**n639F	
External Input Relay	**X**nb	**X**n00 – **X**n511F	
External Output Relay	**Y**nb	**Y**n00 – **Y**n511F	
Timer Flag Contact	**T**b	**T**0 – **T**3071	
Counter Flag Contact	**C**b	**C**0 – **C**3071	

NOTE

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.

2) Special data register (DT9_n) is applicable to FP0 T32C, FP2, FP2SH, FP10SH modules. The actual transmitted address of DT9_n is DT 90000 + n.

   For example, the actual transmitted address of DT9_0 is DT90001, the actual transmitted address of DT9_1 is DT90001, the actual transmitted address of DT9_2 is DT90002 and so on.