Fuji Frenic Inverter

HMI Factory Setting:

Baud rate: 9600, 8, None, 2 Controller Station Number: 1(<u>Note1</u>) Control Area / Status Area: None/None

Connection

a. RS-485 (DOP-A/AE Series)



b. RS-485 (DOP-AS57 Series)

Terminal Block		
К+ Р_	DX+	PLU PLC



d. RS-485 (DOP-B Series)

DOP series	5 PLONI	Co	ntroller	PLC1
9 pin D-sub male	(RS-485)			
D+ (1) -	PLCIN	PLC1."	DX+	
D_ (6)			-צח	

Definition of PLC Read/Write Address

a. Registers

Туре	Format Word No. (n)	Read/Write Range	Data Length	Note
Fundamental functions	Fn	F 0 – F 42	Word	76.75
Extension terminal functions	En	E1 – E47	Word	1.15
Control functions of frequency	Cn	C 1 – C 33	Word	- A. X
motor Parameters	Pn	P 1 - P 9	Word	
High speed frequency	Hn	Н3 – Н39	Word	1.15
Alternative motor parameters	An	A 1 – A 18	Word	- A. X
Optional functions	On	O 1 - O 29	Word	
Setting data function	Sn	S 1 – S 12	Word	11.11
Monitoring data functions	Mn	M 1 - M 48	Word	

b. Contacts

Туре	Format Word No. (n) Bit No. (b)	Read/Write Range	Note
Fundamental functions	F n.b	F 0.0 - F 42.15	
Extension terminal	En.b	E1.0 - E47.15	
functions	S		
Control functions of	Cn.b	C 1.0 – C 33.15	
frequency	5		
motor Parameters	Pn.b	P 1.0 - P 9.15	
High speed frequency	H n.b	H3.0 - H39.15	
Alternative motor	An.b	A 1.0 - A 18.15	
parameters			
Optional functions	O n.b	O 1.0 - O 29.15	
Setting data function	S n.b	S 1.0 - S 12.15	
Monitoring data functions	Mn.b	M1.0 - M48.15	

- 1) Controller Station Number range from 1 to 31, and Number 99 is for radio broadcast.
- 2) Not all address is applicable to radio broadcast. Please refer to Fuji Frenic Inverter manual for details on radio broadcast address.
- 3) Not all address can be read and write. Please refer to Fuji Frenic Inverter manual for details on read/ write characteristics.