

<u>Mitsubishi <6> Mitsubishi Electric Corporation</u> <u>A Series (AnN/AnS) CPU Direct Connection</u>

Selecting PLC Type

Start up GP-PRO /PBIII.

Select the following PLC Type when creating the project file.



Communication Setting Sample

GP Setup		PLC Settings
Baud Rate	9600 bps (fixed)	
Data Length	8 bit (fixed)	
Stop Bit	1 bit (fixed)	
Parity Bit	Odd (fixed)	
Data Flow Control	ER Control	
Communication Format*1 (RS-232C)	RS-232C	
Communication Format (RS-422)	4-wire type	
Unit No.	0 (fixed)	

*1 For Communication Format, select RS-232C when using GP430-IP10-O, or select 4-wire type cable when using another cable.



Communication Settings [GP]

1 [GP-PRO/PB C-Package Setting]

Select [GP Setup] on Project Manager.

1) Communication Settings	1) Communication Settings
GP Settings - + anight prev EX GP Settings - 100 Seti	Transmission Speed : 9600bps Data Length : 8 Bits Stop Bit: 1 Bit Parity Bit: Odd Busy Ready Control : DTR / ER RS-232C/ RS-422 : GP430-IP10-O : RS-232C Other Cable: 4 Line
Or. Cancol Defaults Holp	* Select one in
2) Mode Settings	2) Mode Settings
GP Settings - Extended Settings Conversion/Con Settings GP Settings U/O Settings GP Settings U/O Settings FUC Type MITSUBILISHI MELSECANHICPUT System Start Address I	System Start Address: Arbitrary Address
Or. Cancol Defaults Help	Select [Option].
3) 2-Port Mode/Direct Mode Settings	3) 2-Port Mode/Direct Mode Settings
Option 2 Port Mode / Direct Mode © 2 Port Adapter © 2 Port Adapter + GPH Help © Internal 2Port © Direct	Using GP430-IP10-O or User-Created Cable: Direct Using 2-Port Adapter : 2-Port Adapter Using Internal 2-Port Feature: Internal 2-Port



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Select [Transfer]>	[Setup]>	[Transfer Settings].
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Send Information	- Communications P	ort
CR Surten Sereen	© <u>c</u> om	
Filing Data(CF card)	Lomm Port	CUMI Retry Count
Data Trans Func CSV Data(CF card)	Baud Rate	115.2K (bps)
	○ <u>E</u> thernet	
Transfer Method	IP Address	0. 0. 0. 0 Port 8000
Send All Screens		
O Automatically Send Changed Screens	C Ethernet: Auto A	Acquistion
C Send User Selected Screens		
	C Memory Loader	
- Transfer Mode		
• Preparation for a transfer and a transfer are made :	simultaneous.	
- Setur		
<u>A</u> utomatic Setup Use	Extended Program :	
○ Eorce System Setup	Simulation	
Do NOT Perform Setup		
	System Screen	
Setup CFG file :		
English		
O Japanese	Win/protocol/ Browse	
O Japanese O Selection C:\Program Files\pro-face\ProPB\		
Japanese Selection C:\Program Files\pro-face\ProPB\ DK	Cancel	Help
C Japanese C Selection C:\Program Files\pro-face\ProPB\ OK	Cancel	Help
C Japanese C Selection C:\Program Files\pro-face\ProPBY	Cancel	Help

Transfer to GP after settings completed.



2 [GP Settings]

1) Checking GP Type	1) Checking GP Type
MAIN MENU *03/00/00 00:00 1 INITIALIZE 2 SCREEN DATA TRANSFER 3 SELF-DIAGNOSIS 3 SELF-DIAGNOSIS 4 RUN 81M-LINK V3.34 2/Max/2000 V4.10 SIM-LINK V3.34 MELSEC-ArM_CPU MELSEC-ArM_CPU	If you have selected Mitsubishi MELSEC-AnN (CPU), the following will be shown. "MELSEC-AnN_CPU"
2) Communication Settings	2) Communication Settings
MAIN MENU INITIALIZE SET UP I/O SET UP SIO SET UP TOUCH PANEL 4 COMMUNICATION SETUP 5 SOUND SETTINGS	[MAIN MENU] ↓ [INITIALIZE] ↓ [SET UP I/O] ↓ [SET UP SIO]
SET UP SI0 SET CANCEL COMMUNICATION RATE 2400 4800 9600 19200 38400 57600 115200 DATA LENGTH 7 8 38400 57600 115200 DATA LENGTH 7 8 300 57600 115200 DATA LENGTH 7 8 1 2 1 PARITY 0 0 0 1 4 COMMUNICATION FORM R5232C 4 1.1NT 2 LINE 1 2 3 4 5 6 7 8 0 1 4 BS	Communication Rate: 9600bps Data Length: 8 Bits Stop Bit: 1 Bit Parity: Odd Control: ER Cntrl Communication Format Using GP430-IP10-O: RS-232C Using other cable: 4 Line * Select one in



3) Setting up Operation Surroundings	3) Setting up Operation Surroundings
MAIN MENU INITIALIZE SYSTEM ENVIRONMENT SETUP SET UP LO PLC SETUP 4 INITIALIZE MEMORY 5 SET UP TIME 6 SET UP SCREEN	$[MAIN MENU] \downarrow [INITIALIZE] \downarrow [PLC SETUP] \downarrow [PLC SETUP]$
SET UP OPERATION SURROUNDINGS SET CANCEL STARTING ADDRESS OF SYSTEM DATA AREA [000000] UNIT NO. [0] SYSTEM AREA READING AREA SIZE (0-256) [0] RESET GP ON DATA HRITE ERROR ON OFF USE 2PORT MODE/OPU DIRECT MODE ADAPTER ADAPTER-GPH CPU INSIDE 1 2 3 4 5 6 7 8 9 0 ↑ ↓ BS	Starting Address of System Data Area: Arbitrary Address Unit No.: 0 Use 2-Port Mode/CPU Direct Mode GP430-IP11-O Cable/User-Created Cable: CPU 2-Port Adapter : Adapter Internal 2-Port Adapter: Inside



3 [2-Port Adapter Settings]



<Reference> 2-Port Adapter





Let's Connect to PLC! Mitsubishi <6> A Series (AnN, AnS) CPU (L)

Communication Settings [PLC]

There are no items to set on the PLC.