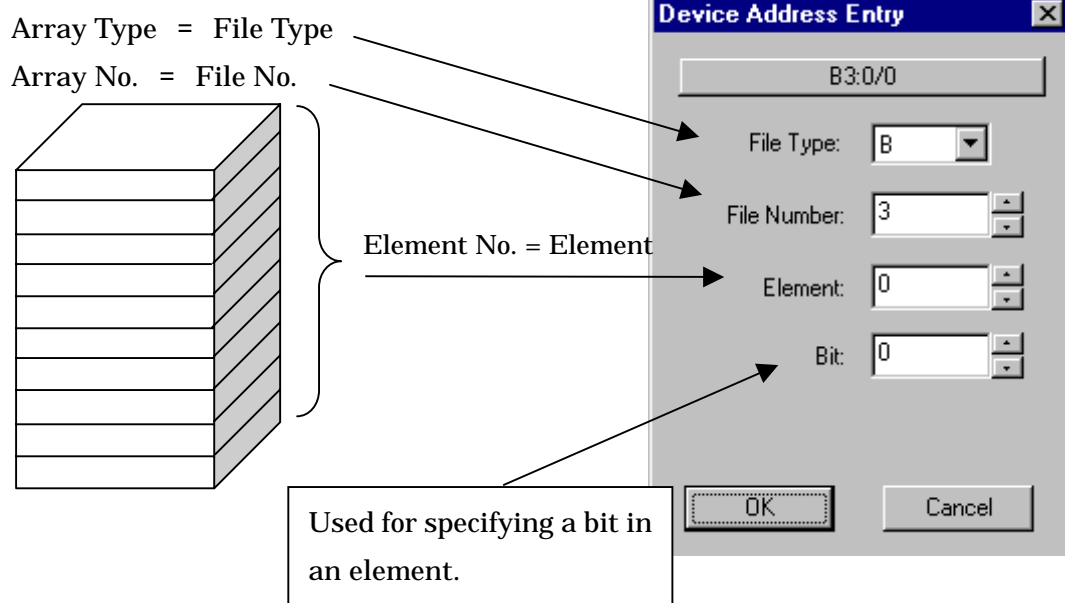


Connecting Rockwell (Allen-Bradley) PLC

MicroLogix 1200/1500 Series Serial

Specifying Addresses on GP-PRO PBIII

Because two or more arrays exist, the idea of addressing on GP-PRO PB / III is different from the addressing on other companies PLC.



This is how to see the addresses.

B 255 : 255 / 15 — Bit No.
File No.
Element No.

* File Number and Element Number that can be specified.

Device	Bit Address	Word Address	Remark	
Bit	B003:000/00-B003:255/00 B009:000/00-B255:255/00	B003:000-B003:255 B009:000-B255:255	*1, *2	H/L
Timer (TT: Timing Bit)	T004:000/TT-T004:255/TT T009:000/TT-T255:255/TT	-	*4	L/H
Timer (DN: Complete Bit)	T004:000/TT-T004:255/TT T009:000/TT-T255:255/TT	-	*4	
Timer (PRE: Preset Value)	-	T004:000.PRE-T004:255.PRE T009:000.PRE-T255:255.PRE	*3	
Timer (ACC: Current Value)	-	T004:000.ACC-T004:255.ACC T009:000.ACC-T255:255.ACC	*3	
Counter (CU: Up Count)	C005:000/CU-C005:255/CU C009:000/CU-C255:255/CU	-	*4	
Counter (CD: Down Count)	C005:000/CD-C005:255/CD C009:000/CD-C255:255/CD	-	*4	
Counter (DN: Complete Bit)	C005:000/DN-C005:255/DN C009:000/DN-C255:255/DN	-	*4	
Counter (PRE: Preset Value)	-	C005:000.PRE-C005:255.PRE C009:000.PRE-C255:255.PRE	*3	
Counter (ACC: Current Value)	-	C005:000.ACC-C005:255.ACC C009:000.ACC-C255:255.ACC	*3	
Integer	-	N007:000-N007:255 N009:000-N255:255	*1, *2, *5	H/L
Floating Point	-	F008:000-F255:255		L/H

Remark

* 1 Enter devices as followings with GP-Pro/PB3 for Windows

Description on PLC

N 7 : 015
 ↑ ↑ ↑
 File Type File No. Element

Entering to GP-Pro/PB3 for Windows

N 007 015
 ↑ ↑ ↑
 File Type File No. Element

* 2 Enter devices as followings with GP-Pro/PB3 for Windows

Description on PLC

B 3 : 021 / 15
 ↑ ↑ ↑ Bit
 File Type File No. Element

Entering to GP-Pro/PB3 for Windows

B 003 021 F
 ↑ ↑ ↑ Bit
 File Type File No. Element

* 3 Enter devices as followings with GP-Pro/PB3 for Windows

Description on PLC

T 4 : 17 . ACC
↑ ↑ ↑
File Type File No. Element Word

Entering to GP-Pro/PB3 for Windows

TA 004 017
↑ ↑ ↑
File Type File No. Element

* 4 Enter devices as followings with GP-Pro/PB3 for Windows

Description on PLC

T 4 : 17 / TT
↑ ↑ ↑
File Type File No. Element Bit

Entering to GP-Pro/PB3 for Windows

TT 004 017 0
↑ ↑ ↑
File Type File No. Element Must be 0

* 5 possible to specify bits (Bits: hexadecimal)

Notes:

- 1) I (input), O (output), S (status), R (control), ST (text), L (long), MG (message), and PD (PID) cannot be set on GP.
- 2) The file type of the file number from 0 to 8 is fixed. The element (device point) can be changed.
- 3) It is possible to assign the file type and elements of file number from 9 to 255 in the range of the memory capacity of the processor unit, as you like.