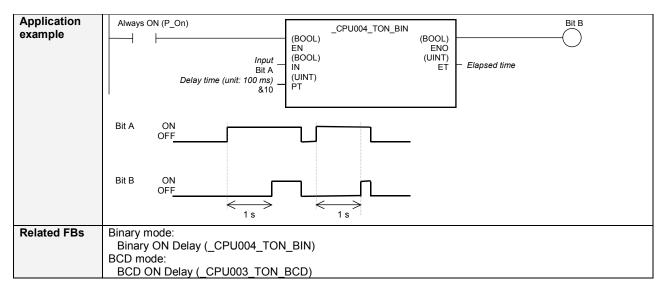
- ·	
Basic function	Turns ON the output a specified time after the input turns ON.
Symbol	
Symbol	Always ON (P_On)
	(BOOL) (BOOL) (BOOL)
	EN ENO (BOOL) (UINT) Flapsed time
	Input in ET (May be omitted.)
	Delay time (unit: 100 ms) - PT
File name	Lib\FLB\omronlib\PLC\CPU_CPU004_TON_BIN10.cxf
Applicable	CPU Unit CS1*-CPU**H Unit version 3.0 or higher
models	CJ1*-CPU**H Unit version 3.0 or higher
	CJ1M-CPU** Unit version 3.0 or higher
	CP1H
	CP1L
	CX-Programmer Version 5.0 or higher
Conditions for	PLC Properties
usage	 The PV update method for timers and counters must be set to binary in the PLC Setup.
	A compiling error will occur if BCD mode is set.
	The mode can be set in the PLC Properties in the CX-Programmer.
	PLC Properties
	-ja General Protection Function Block
	Name: NewPLC1
	C <u>Erogram</u>
	Iype: CS1G-H CPU45 Verify C Debug
	Use comment instructions
	✓ Use section markers
	✓ Display dialog to show PLC Memory Backup Status
	✓ Use IR/DRs independently per task
	Execute Timer/Counter as Binary
	Shared Resources
	Timers
Function	The delay timer is started when Input turns ON. When the time set the Delay time has expired, ENO is turned
description	ON.
	ENO remains ON until Input turns OFF.
	IN ON OFF
	510 01
	ENO ON OFF
	ET
	← → PT
	Connect the EN insult to the Always ON Flag (P. On)
EN input	Connect the EN input to the Always ON Flag (P_On).
condition	None
Restrictions	



Variable Tables

Input Variables

Name	Variable name	Data type	Default	Range	Description
EN	EN	BOOL			1 (ON): FB started
					0 (OFF): FB not started.
Input	IN	BOOL			Turn ON to start timing.
Delay time	PT	UINT		&0 to	Specify the delay time (unit: 100 ms).
-				&65535	For example, &30 means 3 seconds.

Output Variables

Name	Variable name	Data type	Range	Description
ENO	ENO	BOOL		Turns ON a specified time after the input turns ON.
Elapsed time	ET	UINT		Outputs the time that Input was ON (unit: 100 ms).
(May be omitted.)				

Version History

Version	Date	Contents
1.00	2004.6.	Original production

Note

This manual is a reference that explains the function block functions.

It does not explain the operational limitations of Units, components, or combinations of Units and components. Always read and understand the Operation Manuals for the system's Units and other components before using them.