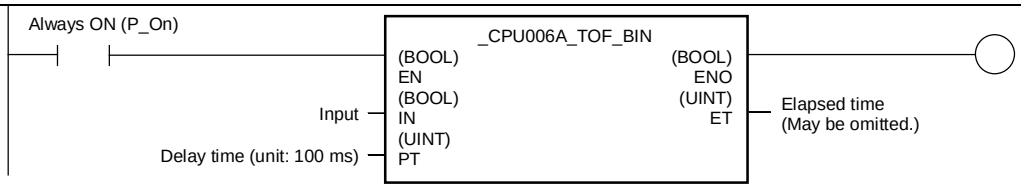
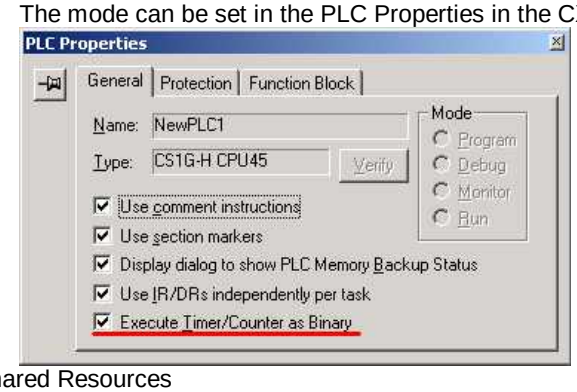
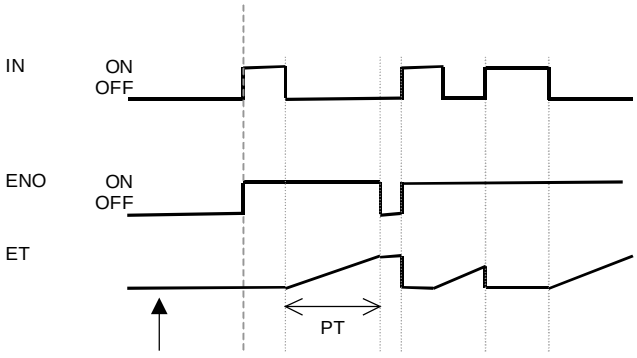
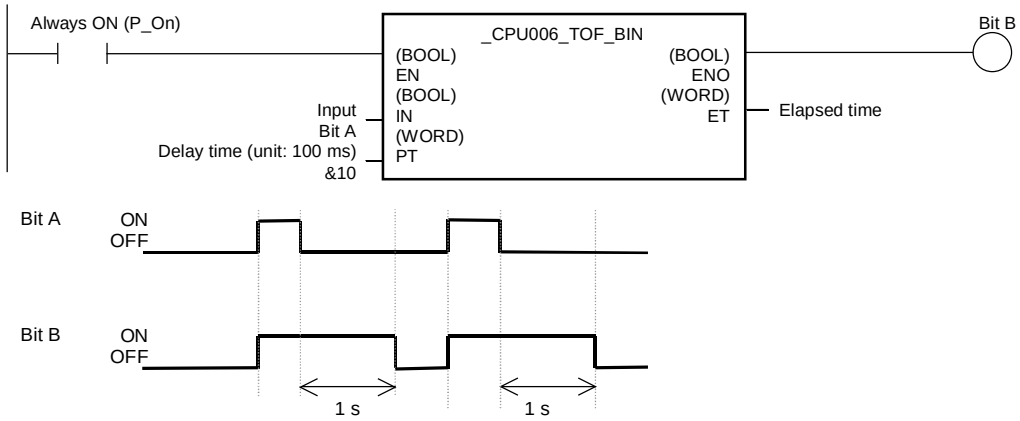
CPU -006A	Binary OFF Delay: _CPU006A_TOF_BIN

Basic function	Turns OFF the output a specified time after the input turns OFF.	
Symbol		
File name	Lib\FLB\omronlib\PLC\CPU_CPU006A_TOF_BIN10.cxf	
Applicable models	CPU Unit	CS1*-CPU**H Unit version 3.0 or higher 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 usage	PLC Properties • 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.  Shared Resources • Timers	
Function description	When PLC mode changes from Program mode. ENO turns OFF. ENO is turned ON when the Input turns ON. The delay timer is started when Input turns OFF. When the time set for the Delay time has expired, ENO is turned OFF.  PLC mode changes from PROGRAM mode.	
EN input condition	Connect the EN input to the Always ON Flag (P_On).	
Restrictions	None	

Application example	
Related FBs	BCD mode: BCD OFF Delay (_CPU005A_TOF_BCD) ENO turns ON. When PLC mode changes from PROGRAM mode.: Binary OFF Delay (_CPU006_TOF_BIN)

■ 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 &65535	Specify the delay time (unit: 100 ms). For example, &30 means 3 seconds.

Output Variables

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

■ Version History

Version	Date	Contents
1.00	2007.12.	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.