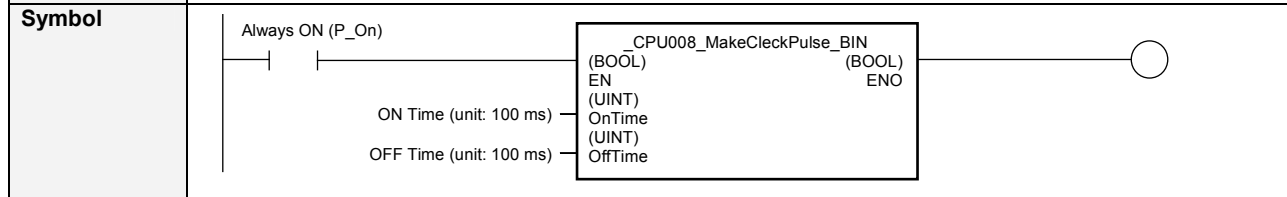


CPU -008	Make ON Time/OFF Time Clock Pulse in Binary: _CPU008_MakeClockPulse_BIN
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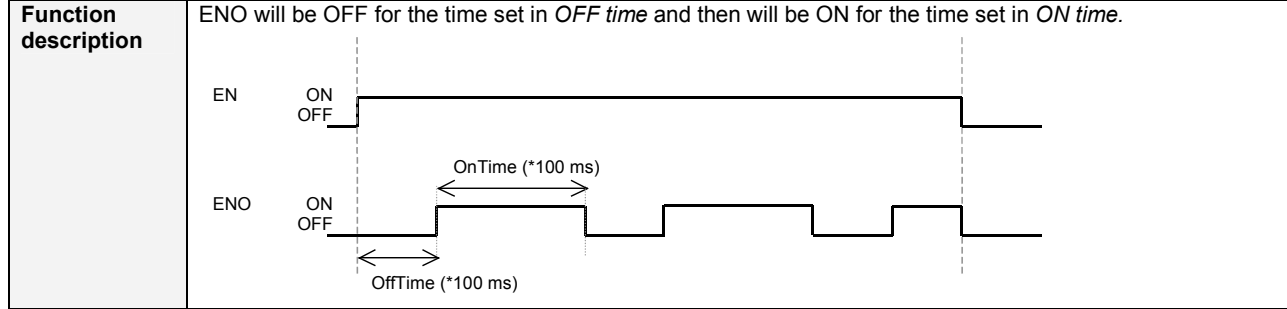
Basic function	Generates a clock pulse with the specified ON time and OFF time and outputs it to ENO.
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File name	Lib\FLB\omronlib\PLC\CPU_CPU008_MakeClockPulse_BIN10.cxf
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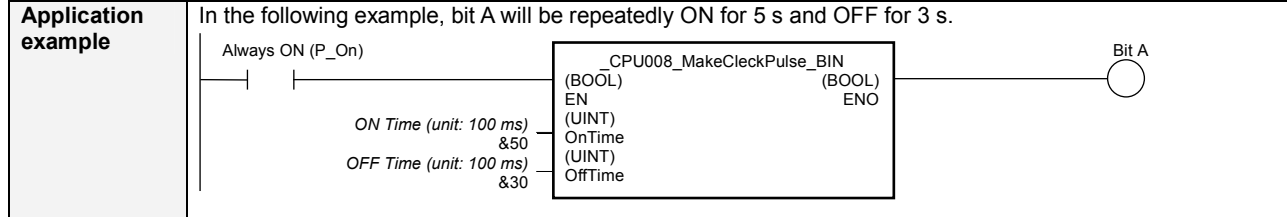
Applicable models	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">CPU Unit</td> <td>CS1*-CPU**H Unit version 3.0 or higher CJ1*-CPU**H Unit version 3.0 or higher CJ1M-CPU** Unit version 3.0 or higher CP1H CP1L</td> </tr> <tr> <td>CX-Programmer</td> <td>Version 5.0 or higher</td> </tr> </table>	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
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	<p>PLC Properties</p> <ul style="list-style-type: none"> 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. <p>Shared Resources</p> <ul style="list-style-type: none"> Timers
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EN input condition	Connect the EN input to the Always ON Flag (P_On).
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Restrictions	None
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Related FBs	<p>Use the correct FB for the timer/counter PV update mode set in the PLC Setup.</p> <p>Binary mode: Make ON Time/OFF Time Clock Pulse in Binary (_CPU008_MakeClockPulse_BIN)</p> <p>BCD mode: Make ON Time/OFF Time Clock Pulse in BCD (_CPU007_MakeClockPulse_BCD)</p>
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■ Variable Tables

Input Variables

Name	Variable name	Data type	Default	Range	Description
EN	EN	BOOL			1 (ON): FB started. 0 (OFF): FB not started.
ON Time	OnTime	UINT			Specify the ON time (unit: 100 ms). For example, &30 means 3 seconds.
OFF Time	OffTime	UINT			Specify the OFF time (unit: 100 ms). For example, &30 means 3 seconds.

Output Variables

Name	Variable name	Data type	Range	Description
ENO	ENO	BOOL		Turns ON for the OnTime and OFF for the OffTime.

■ 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.