

CPU 021	Make ASCII Time Text String: _CPU021_MakeAsciiTime
----------------	---

Basic function	Converts the present time to ASCII.	
Symbol		
File name	Lib\FBL\omronlib\PLC\Card_CPU021_MakeAsciiTime10.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	CPU Unit Time Functions Unreliable values will be output if the CPU Unit's internal clock is not stable, such as when the CPU Unit is operated without a backup battery.	
Function description	When the execution condition goes ON, this function outputs the present time (hour, minutes, and seconds) in ASCII. For example, the output would be #3133313534300000 at 13:15:40.	
Application example	<p>1) When bit A goes ON, the present time is output in ASCII to 4 words starting at D0.</p> <p>2) A file is created with the present time as the file name.</p>	

Variable Tables

Input Variables

Name	Variable name	Data type	Default	Range	Description
EN	EN	BOOL			1 (ON): FB started 0 (OFF): FB not started.

Output Variables

Name	Variable name	Data type	Range	Description												
ENO	ENO	BOOL		1 (ON): FB processed normally. 0 (OFF): FB not processed or ended in an error.												
Time (hr, min, s) in ASCII	AsciiTime	LWORD		Outputs the time in ASCII (always 8 characters). <table style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="padding-right: 5px;">n+3</td> <td style="border: 1px solid black; padding: 2px;">#3132</td> <td style="padding-left: 5px;">Hour</td> </tr> <tr> <td style="padding-right: 5px;">n+2</td> <td style="border: 1px solid black; padding: 2px;">#3135</td> <td style="padding-left: 5px;">Minutes</td> </tr> <tr> <td style="padding-right: 5px;">n+1</td> <td style="border: 1px solid black; padding: 2px;">#3330</td> <td style="padding-left: 5px;">Seconds</td> </tr> <tr> <td style="padding-right: 5px;">n</td> <td style="border: 1px solid black; padding: 2px;">#0000</td> <td style="padding-left: 5px;">Always #0000</td> </tr> </table> <p style="text-align: right; margin-top: 5px;">Present time = 12:15:30</p>	n+3	#3132	Hour	n+2	#3135	Minutes	n+1	#3330	Seconds	n	#0000	Always #0000
n+3	#3132	Hour														
n+2	#3135	Minutes														
n+1	#3330	Seconds														
n	#0000	Always #0000														

Version History

Version	Date	Contents
1.00	2005.2.	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.