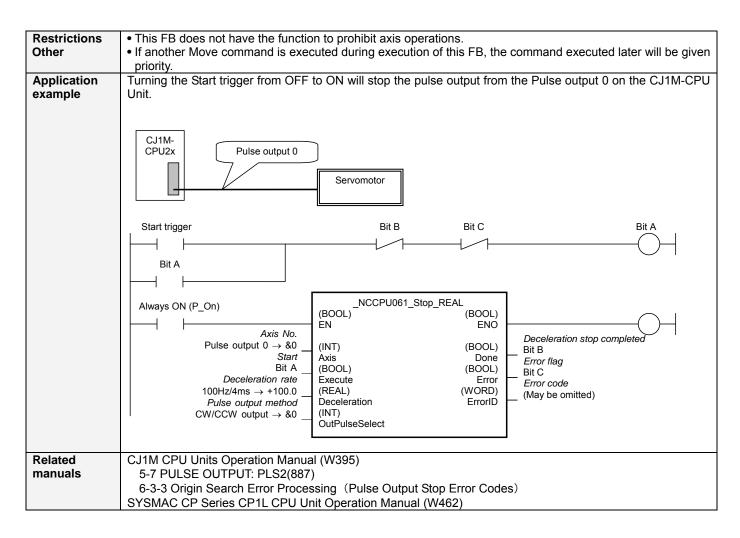
NCCPU 061	Deceleration Stop(REAL): _NCCPU061_Stop_REAL
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Basic	Decelerates an operating axis to a stop.					
function Symbol						
Symbol	Always ON (P_On)			1		
			_NCCPU061_Stop_REAL (BOOL) (BOOL)			
			ÈN ENÓ			
		Axis No.	(INT) (BOOL)	Deceleration stop completed		
		Ctort	Axis Done			
		Start	(BOOL) (BOOL) Execute Error	Error flag		
	Dec	eleration rate	(REAL) (WORD)	Error code (May be omitted)		
	Pulse o	utput method	Deceleration ErrorID (INT)			
		· · · · · · <u> </u>	OutPulseSelect			
				J		
File name	Lib/EBL \omronlib\ Posit	ionController	NC-CPU(CJ1MCPU2x)\_NCCPU	1061 Stop10 cvf		
Applicable	CPU Unit		J21/22/23 Unit version 3.0 or high			
Applicable		CP1L-***D				
		CP1L-***D				
models	CX-Programmer	Version 5.0				
Conditions	None	•				
for usage						
Function			specified with Axis No. (Axis) wher	Start (Execute) is turned ON (using the		
description	selected Pulse output n		ana) will be turned ON when a de	coloration atom by this FD is completed		
				celeration stop by this FB is completed. ultistart by another instance or error.		
			e (ErrorID) will be output when an e			
				tart (Execute) was turned OFF before		
				e cycle when a corresponding condition		
	occurs.					
	EN ON					
	OFF		L]	L		
	ENO ON OFF					
			L]	L		
	Execute ON OFF					
	Speed					
	Command		N			
	speed					
	Done ON OFF			1		
	Error ON	Î	i i			
	OFF					
Kind of FB	Connect Always ON typ	e				
definition	Connect the EN input		ys ON Flag (P_ON).			
			ed in two or more places.			
FB			1 simultaneously, use the same P			
precautions				no Pulse output during one cycle, it is		
				s the condition that the Pulse output is		
		stopped by the INI instruction (Fun No.880).				
		If Start (Execute) is turned ON with no origin defined, the present value of output pulse counts will be cleared to 0 and output pulses for deceleration will be counted. (If this FB starts with low Pulse output frequency as there				
			output pulse counts will not be cle			
	Execute ON	g				
	OFF					
	Speed	$\sim$				
			<u> </u>			
	Output pulse					
	counts 0					
	No origin ON					
	flag OFF					
EN input	Connect the EN input	to the Alwave	s ON Flag (P ON).			
condition				ntained when the connected bit is turned		
	OFF.		•			



## Variable Table

### Input Variables

	5					
Name		Variable name	Data type	Default	Range	Description
EN		EN	BOOL			1 (ON): Starts FB
						0 (OFF): Does not start FB
Axis No.		Axis	INT	&0	&0 to &1	&0: Pulse output 0
						&1: Pulse output 1
Start		Execute	BOOL	0(OFF)		
Deceleration ra	ate	Deceleration	REAL	+1.0	+1.0 to +65535.0	Specifies the deceleration rate.
						Unit: Hz/4ms (Decrease (Hz) in frequency per
						Pulse control period (4ms))
Pulse ou	utput	OutPulseSelect	INT	&0	&0 to &1	&0: CW/CCW output
method						&1: Pulse + direction output

## **Output Variables**

Name	Variable name	Data type	Range	Description
ENO	ENO	BOOL		1 (ON): FB operating normally
				0 (OFF): FB not started, or FB ended with error
Deceleration stop	Done	BOOL		1 (ON) indicates that a deceleration stop has been
completed				completed.
Error flag	Error	BOOL		1 (ON) indicates that an error has occurred in the FB.
Error code	ErrorID	WORD		The error code of the error occurred in the FB will be
(May be omitted)				output. For details of the errors, refer to the sections of
				the manual listed in the Related manuals above. When
				Unit No. or Axis. No. is out of the range, #0000 will be
				output.

# **Revision 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.

\_NCCPU061\_Stop\_REAL (3/3)