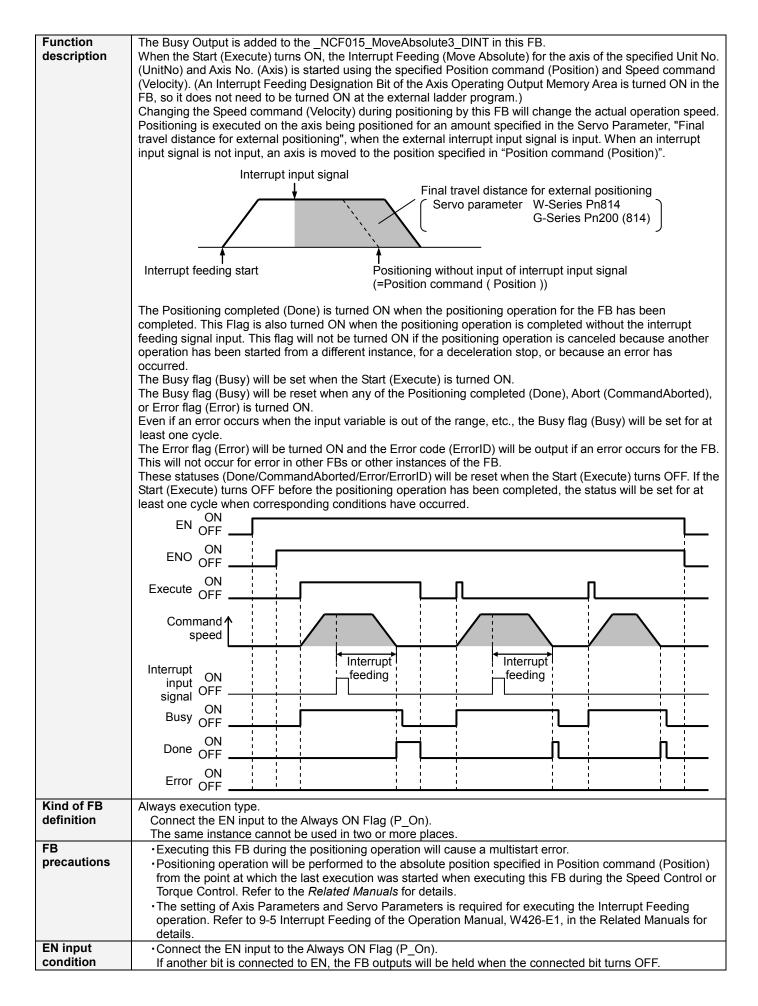
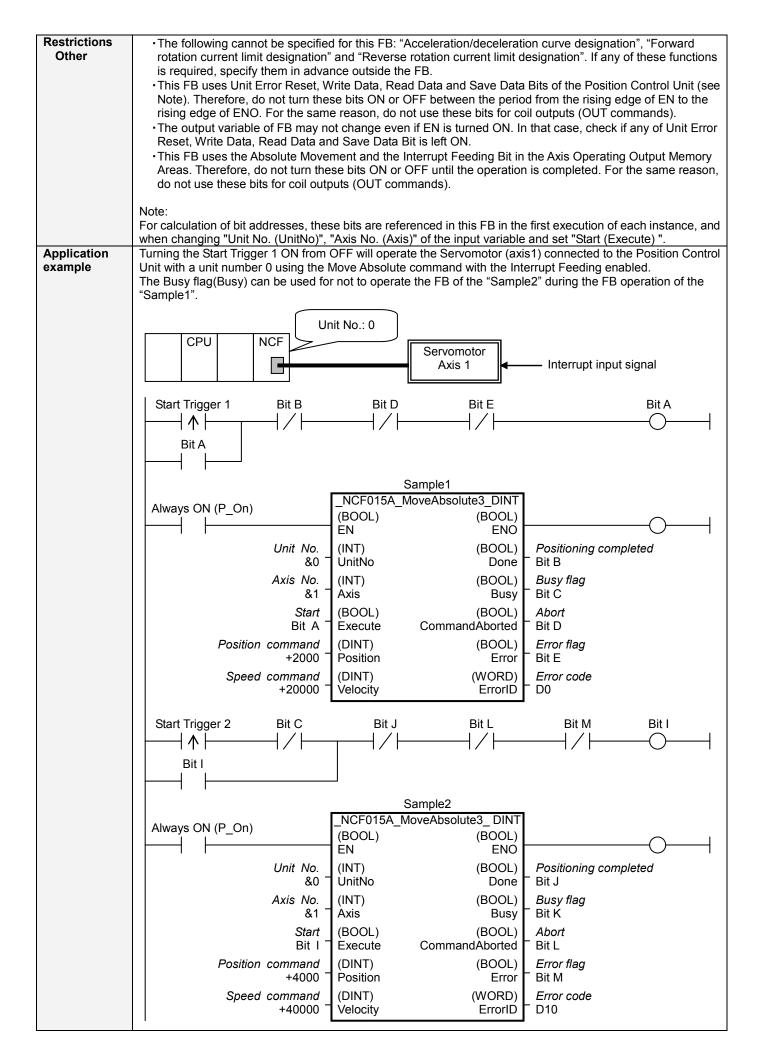
NCF	
015A	

Move Absolute with Interrupt Feeding (DINT) _NCF015A_MoveAbsolute3_DINT

Pagia function	Executes Interrupt Feeding with Move Absolute command. (Busy attachment)					
Basic function	Executes interrupt Fee	uing with IVIO	e Adsolute C	ommanu. (Busy attachr	nent)	
Symbol	_NCF015A_MoveAbsolute3_DINT					
	Always ON (P_On)			_		
			(BOOL)	(BOOL)		
			EN	ENO	\bigcirc 1	
			(INT)	(BOOL)		
		Unit No. –	ÙnitŃo	Done	 Positioning completed 	
		Axis No. –	(INT)	(BOOL)	– Busy flag	
			Axis	Busy	2009	
		e ()	(BOOL)	(BOOL)		
		Start -	Executé	CommandAborted	– Abort	
	Position	command -	(DINT)	(BOOL)	 Error flag 	
			Position	Error		
			(DINT)	(WORD)		
	Speed	command -	Velocity	ÈrrorID	 Error code 	
	I		 		l	
File name	Lib\FBL\omronlib\Posit	ionController\	NCE\ NCE0	15A MoveAbsolute3 D	INT10.cxf	
Applicable	Position Control Unit		71, CS1W-N			
models	CPU Unit					
models			**H Unit Version 3.0 or later			
			*H Unit Version 3.0 or later ** Unit Version 3.0 or later			
			Unit versio	n 3.0 or later		
		CP1H	-			
	CX-Programmer	Version 5.0	or later			
Languages in	Ladder programming					
function block						
definitions						
Conditions for	The following condition	s for usage s	hould be the	Position Control Unit ve	ersion 1.2 or earlier.	
usage	(It will not be required i					
U	CX-Programmer Setti			,		
			Position Con	trol Units will not operat	te if the area H512 or higher (default	
	setting) is specified a	is the Non Re	tain Area thr	and the Function block	memory allocation. Make sure to	
	change the memory area to unused area (DM or EM, for example) from the CX-Programmer. To change this value, click <i>PLC/Function Block Memory/Function Block Memory Allocation</i> from the Menu Bar.					
	Function Block Memory Allocation [NewPLC1]					
	FB Instance Area Start Address End Address Size					
	No Retain H512	H140	7 896			
	Retain H140			Cancel		
	Timers T307 Counters C307					
				Default		
			Specify unused			
					used FB and the number of FBs.	
			f an area being	used in the ladder progra	am is specified or sufficient free	
		s			er will display a compile error.	
	Function Bloc Memory Allo	cation [NewPLC1]	<u> </u>			
	FB Instance rea Start	Address End A	ddress S			
	No Retain D320	D20 D327	67 748	ОК		
	Retain H140			Cancel		
	Timers T307 Counters C307					
				Default	For example, to use the memory	
				Advanced	area from D32020 to D32767	
					(748 words), specify the	
					addresses as shown in the left.	
					J · · · · · · · · · · · · · · · · · · ·	





Related	Position Control Units OPERATION MANUAL (W426-E1)
manuals	SECTION 9 Positioning
	9-5 Interrupt Feeding
	12-4 Error Codes

■Variable Tables

Input Variables

Name	Variable name	Data type	Default	Range	Description
EN	EN	BOOL			1 (ON): FB started
					0 (OFF): FB not started
Unit No.	UnitNo	INT	&0	&0 to &15	Specify the unit number.
Axis No.	Axis	INT	&1	&1 to &16	Specify the axis number.
Start	Execute	BOOL	0(OFF)		
Position command	Position	DINT	+0	-2,147,483,648 to	Specify the target position.
				+2,147,483,647	Unit: Command units
Speed command	Velocity	DINT	+0	+0 to	Specify the target speed.
				+2,147,483,647	Unit: Command units/s
					Changing the value while this FB is in
					operation will change the actual operating
					speed.

Output Vari	ables			
Name	Variable name	Data type	Range	Description
ENO	ENO	BOOL		 1 (ON): FB operating normally 0 (OFF): FB not operating normally FB not started Input variable out of the range FB ended with error Common Parameters could not be read
Positioning completed	Done	BOOL		Turns ON when the positioning operation has been completed.
Busy flag	Busy	BOOL		1 (ON) indicates that the FB is in progress.
Abort	CommandAborted	BOOL		 (ON): Aborted It will be aborted when any of the following conditions is met during operation Turns ON when the other Move command done (Duplicate Move). Stopped with Decleration Stop or Emergency Stop. Executed Servo Unlock, Deviation Counter Reset on an operating axis. Attempted to execute FB while Servo Unlock, Deceleration Stop, Emergency Stop or Deviation Counter Reset Bit is ON. Detected the Stop Execution Flag is ON. The Absolute Movement Bit is changed by the other FB during Absolute Movement in operation.
Error flag	Error	BOOL		Turns ON when an error has occurred in the FB.
Error code	ErrorID	WORD		 Returns the error code when an error has occurred in the FB. Refer to the <i>Related Manuals</i> for details on errors. A code of #0000 will be returned if any of the following conditions is satisfied. Input variable is out of range. The common parameters of the Position Control Units are out of range. Not established communications with a specified axis.

Version History

Version	Date	Contents
1.01	2006.01.	Original production

∎Note

This document explains the function of the function block.

It does not provide information of restrictions on the use of Units and Components or combination of them. For actual applications, make sure to read the operation manuals of the applicable products.