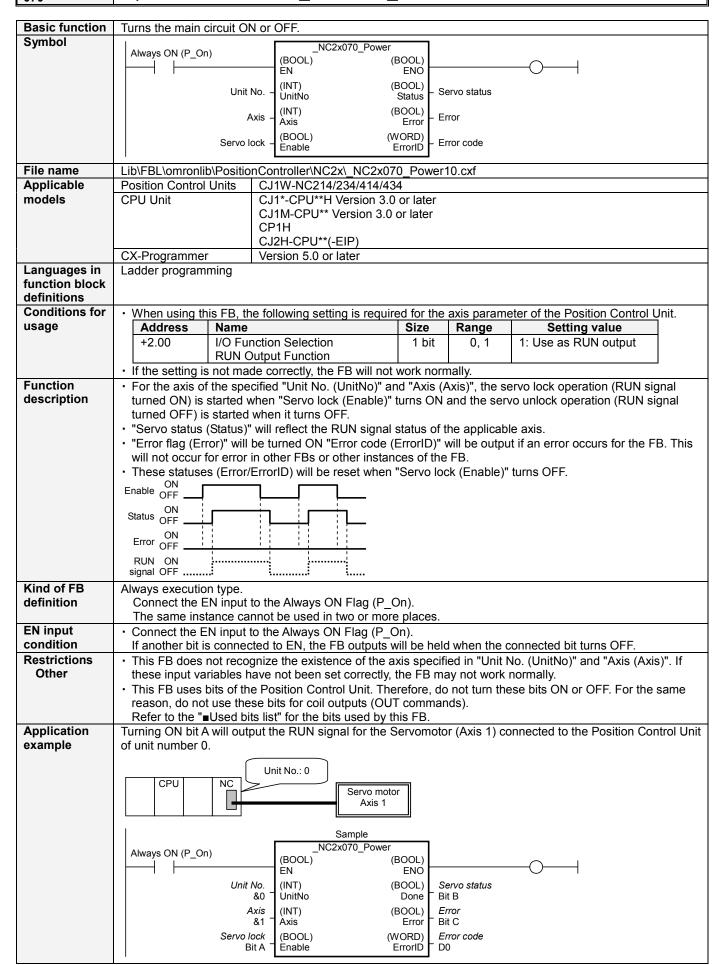
Operation Command _NC2x070_Power



Related	CJ-series Position Control Unit Operation Manual (W477)				
manuals	5-3 Axis Parameters				
	I/O Function Selection				
	12-6 Error Code List				

■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 &94	Specify the unit number.
Axis	Axis	INT	&1	&1 to &4	Specify the axis number.
Servo lock	Enable	BOOL	0(OFF)		f: Starts the servo lock operation.
					₹: Starts the servo unlock operation.

Output Variables

Name	Variable name	Data type	Range	Description
ENO	ENO	BOOL		1(ON): FB operating normally 0(OFF): FB not started / FB ended with error
Servo status	Status	BOOL		1(ON): The RUN signal is output status. 0(OFF): The RUN signal is stopping status.
Error	Error	BOOL		Turns ON when an error has occurred in the FB. Refer to "Error code (ErrorID)" for details.
Error code	ErrorID	WORD		Returns the error code when an error occurred in the FB. Refer to "Error code list" for details.

■Error code list

Error name	Error	Probable cause	Clearing method
	code		
Input variable out	#0001	The value of input variable of this FB is out	Set the value of input variable within the specified
of range		of valid range.	range.
Operating	#0002	The allocation of Axis Operating Memory	Correct the allocation of Axis Operating Memory
memory area		Area of Common Parameter is out of	Area of Common Parameter so that it falls within
allocation out of		allowable setting range.	the allowable setting range of data.
range			
Unit error	#1001	An error in individual unit has occurred.	Check "Unit common error code". Identify the error
			cause from the Operation Manual of the Position
			Control Unit.
Axis error	#1002	An error in individual axis has occurred.	Check "Axis error code". Identify the error cause
			from the Operation Manual of the Position Control
			Unit.
Unit setup	#2000	The Position Control Unit is not in unit	Execute the FB after putting the Position Control
		ready status.	Unit in unit ready status.
Command	#2300	FB commands have not been accepted.	Execute the FB after putting the unit in status that
disabled		'	can accept commands.
Servo lock	#3100	"Servo lock" of the Manual Operation	Do not operate each bit which the active FB is
		Command Memory area has been	operating, by the external unit of the FB.
		operated by the outside of the FB.	Do not use it on OUT command.
Servo unlock	#310F	"Servo unlock" of the Manual Operation	
		Command Memory area has been	
		operated by the outside of the FB.	

■Used bits list

Memory area	Name	Data type	Address	Note
Manual Operation Command	Servo lock	BOOL	A+00.00	
Memory area	Servo unlock	BOOL	A+00.15	

■Version History

a version mistory					
Version	Date	Contents			
1.00	2009.06.	Original production.			
1.01	2011.04.	The problem that Status flag remains ON when "Servo lock (Enable)" is continuously switched has			
		been improved.			

■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.