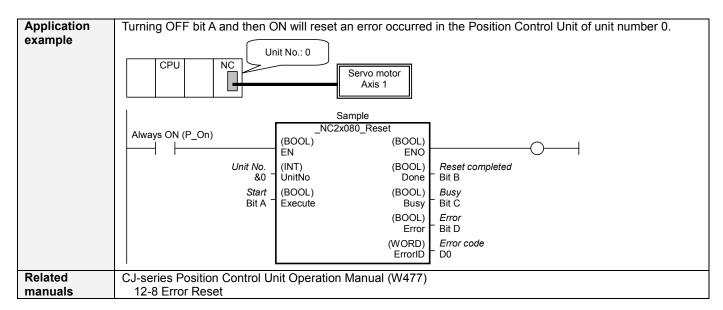
NC2x Error Reset _NC2x080_Reset

Basic function	Resets a unit error.						
Symbol							
- Jinson	Always ON (P_On)	_NC2x080_Reset					
		(BOOL) (BOO EN EN	_)		\frown		
		(INT) (BOO	1		<u> </u>		
	Unit I	No. – UnitNo Dor		completed			
		(BOOL) (BOO					
	S	tart – Execute Bus					
		(BOO					
		Erro	or Elloi				
		(WORI		ode			
		Errorl	D				
File name	Lib/FBL \omronlib/Positio	nController\NC2x\ NC2x080 R	eset10 cx	f			
Applicable	Position Control Units	CJ1W-NC214/234/414/434		•			
models	CPU Unit	CJ1*-CPU**H Version 3.0 or l	ater				
models		CJ1M-CPU** Version 3.0 or la					
		CP1H					
		CJ2H-CPU**(-EIP)					
	CX-Programmer	Version 5.0 or later					
Languages in	Ladder programming						
function block							
definitions							
Conditions for	None.						
usage	None.						
Function	 For the unit specified in 	- "Linit No. (LinitNo)", its unit av	oc and tac	ke the Erre	r reset operation and the		
description		 For the unit specified in "Unit No. (UnitNo)", its unit axes and tasks, the Error reset operation and the Warning reset operation are started when "Start (Execute)" turns ON. 					
description					ompleted and commands can be		
		ie) will turn ON when resetting	the error	has been co	ompleted and commands can be		
	accepted.						
	"Busy (Busy)" will be set when the "Start (Execute)" is turned ON.						
	"Busy (Busy)" will be reset when any of "Reset completed (Done)" or "Error (Error)" is turned ON.						
	Even if an error occurs when the input variable is out of the range, etc., "Busy (Busy)" will be set for at least						
	one cycle.						
	• "Error (Error)" will be turned ON and "Error code (ErrorID)" will be output if an error occurs for the FB. This						
		in other FBs or other instances					
		Error/ErrorID) will be reset whe					
	turns OFF before the positioning operation has been completed, the status will be set for at least one cycle						
	when corresponding conditions have occurred.						
	Internal ON						
	processing OFF						
Kind of FB	Always execution type.						
definition	Connect the EN input	to the Always ON Flag (P_On).					
	The same instance cannot be used in two or more places.						
EN input	Connect the EN input to the Always ON Flag (P On).						
condition		ted to EN, the FB outputs will b	e held wh	en the conn	ected bit turns OFF.		
Restrictions		nize the existence of the axis s					
Other		ctly, the FB may not work norm		· · · · ·			
				ion with an	error reset, a setting is required		
	for the axis parameter.						
	Address Name		Size	Range	Setting value		
		nction Selection	1 bit	0, 1	1: Use as driver alarm reset		
		larm Reset Output Function		0, 1	output		
		e Position Control Unit. Therefo	re do not	turn these l			
	reason, do not use these bits for coil outputs (OUT commands). Refer to the "∎Used bits list" for the bits used by this FB.						



■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.
Start	Execute	BOOL	0(OFF)		

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
Reset completed	Done	BOOL		Turns ON when the reset operation has been completed.
Busy	Busy	BOOL		Turns ON when FB is in the process.
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 code	Probable cause	Clearing method
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	#0001	of valid range.	range.
Overall error	#1000	An error of any kind has occurred in the unit.	Check the error code of the unit. Identify the error cause from the Operation Manual of the Position Control Unit.
Error reset	#3000	"Error reset" of the PCU Control Output Memory area has been operated by the outside of the FB.	Do not operate each bit which the active FB is operating, by the external unit of the FB. Do not use it on OUT command.
Warning reset	#3001	"Warning reset" of the PCU Control Output Memory area has been operated by the outside of the FB.	

■Used bits list

Memory area	Name	Data type	Address	Note
PCU Control Output	Error reset	BOOL	n+00.00	
Memory area	Warning reset	BOOL	n+00.01	

Version History

Version	Date	Contents
1.00	2009.06.	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.