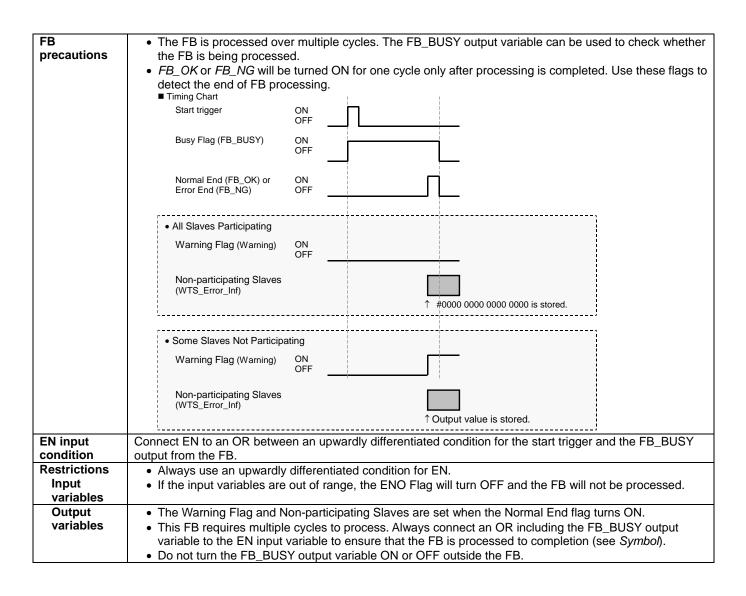
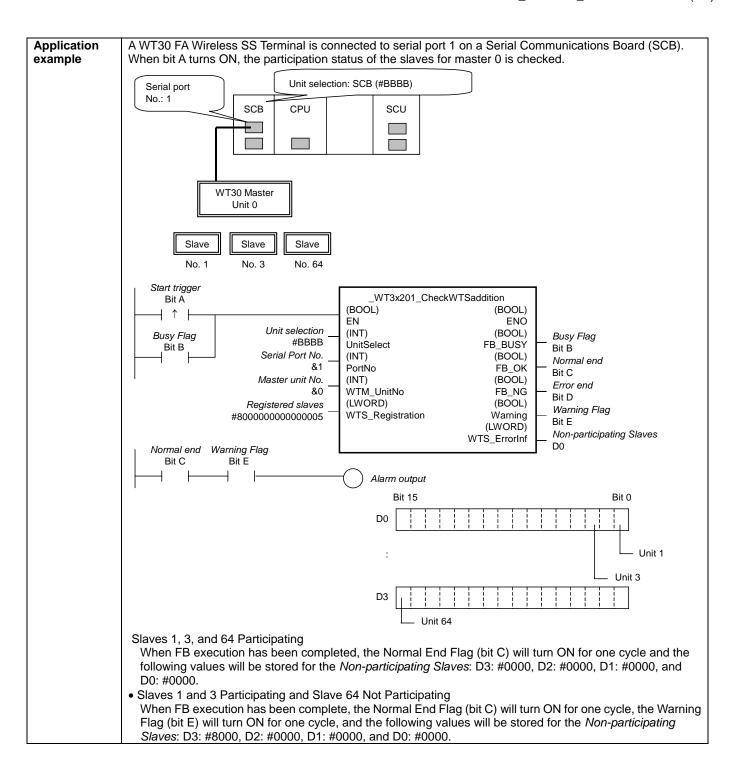
WT3x 201 Check Slave Participation: _WT3x201_CheckWTSaddition

Basic function	Checks the participation	n of slaves.					
Symbol	Soly Flag Soly Flag Ma						
File name	Lib\FBL\omronlib\Wirele	essTerminal\WT30_WT3x201_CheckWTSaddition10.cxf					
Applicable	Master	WT30-M01-FLK					
models	Slave	WT30-SID16/SMD16/SMD16-1					
	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 (except 10 points CPU)					
	Serial	CS1W-SCU21-V1, CJ1W-SCU21-V1, CJ1W-SCU41-V1 Unit Version 1.2 or higher					
	Communications CS1W-SCB21-V1 and CS1W-SCB41-V1 Unit Version 1.2 or higher						
	Units/Boards						
	CX-Programmer Version 5.0 or higher						
Conditions	WT30 FA Wireless SS						
for usage	This function block can be used only in RUN mode. This function block cannot be used in TEST or SET						
	mode.						
	Communications Settings The communications settings of the serial port must be the same as those of the WT30 FA Wireless SS						
	The communications settings of the serial port must be the same as those of the W130 FA Wireless 55 Terminal.						
	 The communications settings of the specified serial port can be set to the default WT30 settings using 						
	the Set Communications Port (_WT3x600_SetComm) function block, and the other WT30 settings						
	using the Set Serial Gateway Mode (_SCx604_SetPortGATEWAY) function block.						
	Use Serial Communications Unit (SCU) or Serial Communications Board (SCB) unit version 1.2 or						
	later.						
	CPU Unit Settings						
	PLC Setup: Shared Settings for Communications Instructions in FBs						
	Communications Instruction Response Timeout Time (default: 2 s)						
	Number of Retries (default: 3)						
	Shared Resources						
	Communications ports (internal logical ports)						
Function		urns ON, the participation status of the slaves connected to the specified master is					
description	checked.						
	If all slaves are participating, all zero will be stored in Non-participating Slaves.						
	If there are slaves that are not participating, the Warning Flag will turn ON and the information on the relevant						
	slaves will be stored in	Non-participating Slaves					





Variable Tables Input Variables

Name	Variable name	Data type	Default	Range	Description
EN	EN	BOOL			ON: FB started
					OFF: FB not started.
Unit selection	UnitSelect	INT	&0	At right.	Specify the Unit and the serial port.
Serial Port No.	PortNo	INT	&1	&1 to &2	Only serial port 2 of CP1H/CP1L M-type
					CPU unit is possible to use this FB.
					■ Connected to CPU Unit
					Unit selection #FFFF
					Serial port No. Not accessed. (CP1H/CP1L-M: Serial Port2 CP1L-L14/20: Serial Port1)
					■ Connected to Serial Communication Board(SCB) Unit selection #BBBB
					Serial port No. &1: Serial Port 1 &2: Serial Port 2
					■ Connected to Serial Communication Unit(SCU)
					Unit selection SCU Unit No. (&0 to &15) Serial port No. &1: Serial Port 1
					&2: Serial Port 2
Master unit No.	WTM_UnitNo	INT	&0	&0 to &99	Specify the unit number of the master.
Registered slaves	WTS_Registration	LWORD			Specify the slaves that should be
					participating.
					Bit 63 1 0
					OFF:Not participating ON: Participating
					Unit 1
					Unit 2
					Unit 64
					Example when slaves 1 and 64 should be
					participating:
					#80000000000000000001
					(Bits 0 and 63 are ON.)

Output Variables	Variable name	Data tura	Dange	Deceription
Name	Variable name	Data type	Range	Description
ENO	ENO	BOOL		ON: FB processed normally.
(May be omitted.)				OFF: FB not processed or ended in an error.
Busy Flag	FB_BUSY	BOOL		Automatically turns OFF when processing is completed.
Normal end	FB_OK	BOOL		Turns ON for one cycle when processing ends normally.
Error end	FB_NG	BOOL		Turns ON for one cycle when processing ends in an error.
Busy Flag	Warning	BOOL		ON: There are slaves not participating that should be participating. OFF: All slaves that should be participating are participating.
Non-participating Slaves	WTS_ErrorInf	LWORD		Outputs information on slaves that should be participating but that are not participating. Bit 63

Internal Variables

Internal variables are not output from the FB.

If the NG Flag from the FB turns ON, the following internal variables can be monitored to obtain information on the error.

Name	Variable name	Data type	Range	Description
FINS error code	FINS_ErrorCode	WORD		The FINS error code is output. A code of #0000 is
				output for a normal end. Refer to the Related Manuals
				for details on the error codes.
CompoWay/F	CompowayF_Error	WORD		Outputs the CompoWay/F error code. A code of #0000
error code	Code			is output for a normal end. See below for details on
				errors.

CompoWay/F Error Codes

Code	Contents	Meaning
#0000	Normal end	
#2203	Operation error	The operating mode is incorrect (execution is not possible in the current mode).
		An error occurred in EEPROM.

Version History

Version	Date	Contents	
1.00	2004.12.	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.