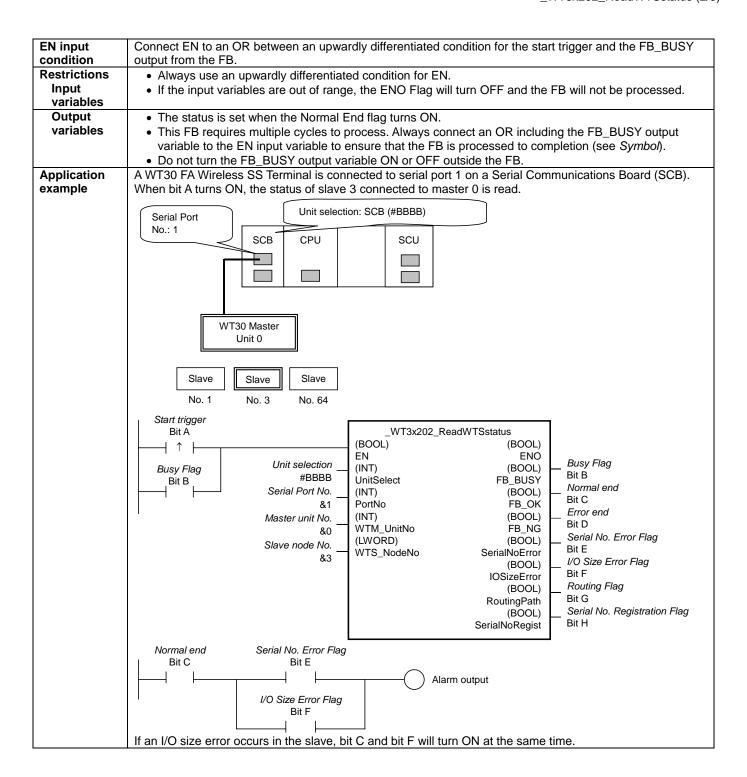
WT3x Read Slave Status: _WT3x202_ReadWTSstatus

Basic function	Reads slave status.				
Symbol	Se Mas	nit selection — ial Port No. — ter unit No. — e node No. —	_WT3x202_F (BOOL) EN (INT) UnitSelect (INT) PortNo (INT) WTM_UnitNo (LWORD) WTS_NodeNo	ReadWTSstatus (BOOL EN((BOOL FB_BUS') (BOOL FB_OI (BOOL FB_NG') (BOOL SerialNoErro (BOOL IOSizeErro (BOOL RoutingPati (BOOL	Busy Flag Normal end Error end Serial No. Error Flag I No Size Error Flag Routing Flag
File name	Lib\FBL\omronlib\Wirele	ssTerminal\	\\\\T30\ \\\T3 <u>v</u> 20	2 ReadWTSsta	tus10 cyf
Applicable	Master	WT30-M0 ²		2_110001110010	10010.001
models	Slave			16-1	
iniodeis	Slave WT30-SID16/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-SC	U21-V1, CJ1W-	SCU21-V1, CJ1\	N-SCU41-V1 Unit Version 1.2 or higher
	Communications				Init Version 1.2 or higher
	Units/Boards				
	CX-Programmer		0 or higher		
Conditions	WT30 FA Wireless SS T				
for usage	 This function block mode. 	can be us	sed only in RUN r	node. This functi	on block cannot be used in TEST or SET
	Communications Settings The communications settings of the serial port must be the same as those of the WT30 FA Wireless SS 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	When the start trigger tu	rns ON, the	e status of the sp	ecified slave is r	ead.
description				-D DI (2) (
FB precautions	the FB is being prod	essed. vill be turne	ed ON for one cyc	•	t variable can be used to check whether cessing is completed. Use these flags to
	Serial No. Registration F (SerialNoRegist)	ag			



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.
	_				<u> </u>
Slave node No.	WTS_NodeNo	INT	&1	&1 to &64	Specifies the slave for which status is to be read.

Output Variables

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.
Serial No Error Flag	SerialNoError	BOOL		ON: A serial number discrepancy has occurred. OFF: A serial number discrepancy has not occurred.
I/O Size Error Flag	IOSizeError	BOOL		ON: An I/O size discrepancy has occurred. OFF: An I/O size discrepancy has not occurred.
Routing Flag	RoutingPath	BOOL		ON: Communications are being performed using routing. OFF: Communications are being performed without routing.
Serial No. Registration Flag	SerialNoRegist	BOOL		ON: Registers. OFF: Not registers.

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 <i>Related Manuals</i> for details on the error codes.
CompoWay/F error code	CompowayF_Error Code	WORD		Outputs the CompoWay/F error code. A code of #0000 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		Date	Contents			
	1.00 2004.12. Original production		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.