

**WT3x600** Set Communications Port: \_WT3x600\_SetComm

<b>Basic function</b>	Sets the communications settings of the serial port on the PLC to the same settings as those of the WT30 FA Wireless SS Terminal.	
<b>Symbol</b>		
<b>File name</b>	Lib\FBL\omronlib\WirelessTerminal\WT30\_WT3x600_SetComm10.cxf	
<b>Applicable models</b>	Master	WT30-M01-FLK
	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 Communications Units/Boards	CS1W-SCU21-V1, CJ1W-SCU21-V1, CJ1W-SCU41-V1 Unit Version 1.2 or higher CS1W-SCB21-V1 and CS1W-SCB41-V1 Unit Version 1.2 or higher
	CX-Programmer	Version 5.0 or higher
<b>Function description</b>	<p>When the Start Trigger turns ON, the communications settings of the serial port on the PLC are set to the same settings as those of the FA Wireless SS Terminal and the port is restarted.</p> <p>WT30 FA Wireless SS Terminal Default Communications Settings</p> <p>Baud rate: 9,600 bps Data length: 7 bits Stop bits: 2 bits Parity: Even</p> <p>The port settings can also be made in the PLC Setup for CPU Unit ports or in the DM Area for Serial Communications Units/Boards.</p>	
<b>FB precautions</b>	<ul style="list-style-type: none"> <li>A restart completion check is not performed for this FB.</li> </ul>	
<b>EN input condition</b>	Always use an upwardly differentiated bit or the First Cycle Flag (A200.11). If one is not used, the serial port will be continuously restarted.	
<b>Restrictions Input variables</b>	<ul style="list-style-type: none"> <li>Always use an upwardly differentiated condition for EN.</li> </ul>	
<b>Application example</b>	<p>A WT30 FA Wireless SS Terminal is connected to serial port 1 on a Serial Communications Board (SCB). When operation is started, the communications settings of the above serial port are set the same settings as the default settings of the FA Wireless SS Terminal.</p>	

**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. Only serial port 2 of CP1H/CP1L M-type CPU unit is possible to use this FB. <ul style="list-style-type: none"> <li>■ Connected to CPU Unit           <ul style="list-style-type: none"> <li>Unit selection #FFFF</li> <li>Serial port No. Not accessed. (CP1H/CP1L-M: Serial Port2 CP1L-L14/20: Serial Port1)</li> </ul> </li> <li>■ Connected to Serial Communication Board(SCB)           <ul style="list-style-type: none"> <li>Unit selection #BBBB</li> <li>Serial port No. &amp;1: Serial Port 1 &amp;2: Serial Port 2</li> </ul> </li> <li>■ Connected to Serial Communication Unit(SCU)           <ul style="list-style-type: none"> <li>Unit selection SCU Unit No. (&amp;0 to &amp;15)</li> <li>Serial port No. &amp;1: Serial Port 1 &amp;2: Serial Port 2</li> </ul> </li> </ul>
Serial Port No.	PortNo	INT	&1	&1 to &2	

**Output Variables**

Name	Variable name	Data type	Range	Description
ENO (May be omitted.)	ENO	BOOL		ON: FB processed normally. OFF: FB not processed or ended in an error.

**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.