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Device/PLC Connection Manuals



About the Device/PLC Connection Manuals

Prior to reading these manuals and setting up your device, be sure to read the "Important: Prior to reading the Device/PLC Connection manual" information. Also, be sure to download the "Preface for Trademark Rights, List of Units Supported, How to Read Manuals and Documentation Conventions" PDF file. Furthermore, be sure to keep all manual-related data in a safe, easy-to-find location.

Toshiba Connectable Devices

The following tables list the devices that can be connected and used with the GP.

■ PLCs

◆ 1:1 Connection

Series Name	CPU	Link Unit	Device type in Screen Editor	GP Series GLC 2000 Series	GLC 100 Series GLC 300 Series
PROSEC EX	EX2000	Link I/F on CPU unit	TOSHIBA PROSEC -EX2000 series	○	x
PROSEC T	T3,T3H, T2N,T2E	Link I/F on CPU unit	TOSHIBA PROSEC-T series		
	T2E	CM231E			
V	S3PU45A S3PU55A S3PU65A S2PU22A S2PU32A S2PU72A S2PU72D	Computer Link I/F on CPU unit			
PROVISOR B	B200CH B200CUF B200CURM B200CUFRM	B2000LM	TOSHIBA MACHINE TC200 series		

◆ n:1 (Multi-link) Connection

Series Name	CPU	Link I/F	Device type in Screen Editor	GP Series GLC2000 Series	GLC100 Series GLC300 Series
PROSEC T	T3	Link I/F on CPU unit	TOSHIBA PROSEC-T Series	○	X
V	S3PU45A S3PU55A S3PU65A S2PU22A S2PU32A S2PU72A S2PU72D	Computer Link Connector on CPU			

◆ Ethernet Communication

Series Names	CPU	Ethernet Unit	Device type in Screen Editor
PROSEC-T	T3H	EN311	TOSHIBA PROSEC-T (ETHER)
	T2N	PU-235N PU-245N	
V	S3PU45A	EN711 EN721	
	S3PU55A	EN731 EN741	
	S3PU65A	EN751 EN761	
	S2PU72A	EN611 EN621	
	S2PU72D	EB621 EN631	
		EN641 EB641	

The GP/GLC series applicable for Ethernet are listed below:

Series Name	Product Name	Optional Ethernet I/F Unit	Built-in Ethernet Port	
GP70 Series	GP-470 Series	GP-470E	○	x
	GP-570 Series	GP-570S	○	x
		GP-570T	○	x
		GP-57JS	○	x
		GP-570VM	○	x
		GP-571 Series	GP-571T	○
	GP-675 Series	GP-675S	○	x
		GP-675T	○	x
GP-870 Series	GP-870VM	○	x	
GP77R Series	GP-377R Series	GP-377RT	○ ^{*1 *2}	x
	GP-477R Series	GP-477RE	○ ^{*2}	x
	GP-577R Series	GP-577RS	○ ^{*2}	x
		GP-577RT	○ ^{*2}	x
GP2000 Series	GP-2300 Series	GP-2300L	x	○
		GP-2300S	x	○
		GP-2300T	x	○
	GP-2400 Series	GP-2400T	x	○
	GP-2500 Series	GP-2500L	○ ^{*3 *4}	○
		GP-2500S	○ ^{*3 *4}	○
		GP-2500T	○ ^{*3 *4}	○
	GP-2501 Series	GP-2501L	○ ^{*2 *3}	x
		GP-2501S	○ ^{*2 *3}	x
		GP-2501T	○ ^{*2 *3}	x
	GP-2600 Series	GP-2600T	○ ^{*3 *4}	○
GP-2601 Series	GP-2601T	○ ^{*2 *3}	x	
GLC2000 Series	GLC-2300 Series	GLC-2300L	x	○
		GLC-2300T	x	○
	GLC-2400 Series	GLC-2400T	x	○
	GLC-2500 Series	GLC-2500T	○ ^{*3 *4}	○
	GLC-2600 Series	GLC-2600T	○ ^{*3 *4}	○
ST Seires	ST403	x	○	

*1 Only the Multi unit can be used.

*2 The 2-Way Driver (Pro-Server, GP-Web and others) cannot be used.

**3 When using the optional Ethernet I/F unit, a bus conversion unit (PSL-CONV00) is required.*

**4 Using the optional Ethernet I/F Unit allows you to set up separate Class and Net No.s for 2-Way Driver applications (Pro-Server, GP-Web and others) and the PLC. When doing this, data transfer with the PLC is performed through the optional Ethernet I/F Unit.*