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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.

Schneider PLC

Connectable Devices

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

■ Uni-Telway

Manufacturer	Series Name	CPU	Link I/F	Remarks	"PLC Type" in Screen Editor					
Schneider Electric	Nano	TSX 07 3L □□28	Programming PORT on CPU		Schneider TSX via Uni-Telway					
		TSX 07 30 10□□ *1								
		TSX 07 31 16□□								
		TSX 07 31 24□□								
		TSX 07 32 □□28								
		TSX 07 33 □□28								
	Micro	TSX 37 05 028DR1 TSX 37 08 056DR1 TSX 37 10 128DT1 TSX 37 10 128DR1 TSX 37 10 128DTK1 TSX 37 10 164DTK1 TSX 37 10 028AR1 TSX 37 10 028DR1	TERMINAL PORT on CPU	AUX PORT on CPU						
							TSX 37 21 101 TSX 37 22 101 TSX 37 21 001 TSX 37 22 001	TERMINAL PORT on CPU	AUX PORT on CPU	
								PCMCIA Card TSX SCP 114 for RS485		
								TSX P57 103M TSX P57 153M TSX P57 203M TSX P57 253M TSX P57 303M TSX P57 353M TSX P57 453M	TER PORT on CPU	AUX PORT on CPU
									PCMCIA Card TSX SCP 114 for RS485	
							Communication Module TSX SCY 21601 for RS485			

*1 The CPU model number data, indicated by □, varies depending on the specifications. For details,

▼ **Reference** ▲ your PLC Manual

■ Modbus RTU

Manufacturer	Series Name	CPU	Link I/F	Remarks	"PLC Type" on Screen Editor
Schneider Electric	Nano	TSX 07 30 10□□ *1 TSX 07 31 16□□ TSX 07 31 24□□	Extend PORT on CPU		Schneider Modbus RTU 1:n Comm.
	Micro	TSX 37 05 028DR1 TSX 37 08 056DR1 TSX 37 10 128DT1 TSX 37 10 128DR1 TSX 37 10 128DTK1 TSX 37 10 164DTK1 TSX 37 10 028AR1 TSX 37 10 028DR1	TERMINAL PORT on CPU		
			AUX PORT on CPU		
		TSX 37 21 101 TSX 37 22 101 TSX 37 21 001 TSX 37 22 001	TERMINAL PORT on CPU		
			AUX PORT on CPU		
	Premium	TSX P57 103M TSX P57 153M TSX P57 203M TSX P57 253M TSX P57 303M TSX P57 353M TSX P57 453M	PCMCIA Card TSX SCP 114 for RS485		
	Twido	TWD LCAA 10DRF TWD LCAA 16DRF TWD LCAA 24DRF TWD LMDA 20DTK TWD LMDA 20DUK TWD LMDA 20DRT TWD LMDA 40DTK TWD LMDA 40DUK	TWD NAC232D TWD NAC485D TWD NAC485T		
	Quantum	140 CPU 113 02 140 CPU 113 03 140 CPU 434 12A 140 CPU 534 14A			
Momentum	171 CCS 700 00 171 CCS 700 10 171 CCS 760 00 171 CCC 760 10 171 CCS 780 00 171 CCC 780 10 171 CCC 980 20/30				

*1 The CPU model number data, indicated by □, varies depending on the specifications. For details,

Reference your PLC Manual

◆ Ethernet Communication

Manufacturer	Series Name	CPU	Link I/F	Notes	Device Type in Screen Editor
Schneider	Premium	TSX P57 103M TSX P57 153M TSX P57 203M TSX P57 253M TSX P57 303M TSX P57 353M TSX P57 453M	TSX ETY4102 TSX ETY5102		Schneider Modbus TCP (Ether)
	Quantum	140CPU11302 140CPU11303 140CPU43412 140CPU53414	140 NOE 771 00 140 NOE 771 10		

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

Series Name		Product Name	Optional Ethernet I/F Unit	Built-in Ethernet Port
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	
GLC 2000 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 Series		ST403	x	○

*1 Only Multi unit can be used.

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

*3 When using 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.