

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.

Yaskawa Electric Connectable Devices

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

■ PLCs

◆ 1:1 Connection, 1:n Connection

Series Name	CPU	Link Unit	Comments	Device type in Screen Editor	GP Series GLC 2000 Series	GLC 100 Series GLC 300 Series
Memocon-SC	U84	JAMSC-C8110		YASKAWA Memocon-SC series	○	x
	U84J	JAMSC-C8610				
	U84S					
	GL40S	JAMSC-IF61 JAMSC-IF41A (extension)				
	GL60S GL60H GL70H GL60S	JAMSC-IF60 JAMSC-IF61 JAMSC-IF612				
	GL120	CPU Direct Connection				
Control Pack	CP-9200	CPU Direct Connection				
	CP-9200H	CPU Direct Connection				
	CP-9200SH	JACP-317217				
MP900	MP930	MEMOBUS Port on CPU unit		YASKAWA MP2000/MP900 /CP9200SH series	○	x
	MP920	MEMOBUS Port on CPU unit JEPMC-CM200				
MP2300	MP2300	217IF-01				
		218IF-01				
Memocon Micro	Micro	CPU Direct Connection		YASKAWA Memocon-SC series		
Memocon-SC	GL120 GL130	JAMSC- 120NOM27100		YASKAWA GL120/130 series		
PROGIC-8	PROGIC-8 PC01	Link I/F on CPU unit		YASKAWA PROGIC 8 series		
MP900	MP920	217IF communication module (JEPMC- CM200)	YASKAWA's MPPanel *1 protocol. For connection to GP/GLC, set the GP- PRO/PBIII's "PLC name" to YASKAWA CP9200SH series. LS1900 to LS2019 cannot be used by Editor screen because the MPPanel Features uses this area.	YASKAWA MPPanel series	○	x
		MEMOBUS board on CPU unit				
	MP930 MP940	MEMOBUS board on CPU unit				

◆n:1 (Multi-link) Connection

Series Name	CPU	Link I/F	Device type in Screen Editor	GP Series GLC2000 Series	GLC100 Series GLC300 Series
MEMOCON-SC	GL120 GL130	JAMSC-120NOM27100	YASKAWA GL120/130 Series	○	X

◆Ethernet Communication

Series Name	CPU	Link I/F	Device Type in Screen Editor
MP2300	JEPMC-MP2300	218IF-01 (JAPMC-CM2300)	YASKAWA MP2000/920 (ETHER)
MP920	JEPMC-CP200 JEPMC-CP210	218IF (JEPMC-CM210)	

The following table displays connectable GP/GLC units.

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		
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 Series	ST403	x	○		

*1 Only the MultiUnit can be used.

*2 The 2-Way driver (Pro-Server, GP-Web, etc.) 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 Nos. for 2-Way driver applications (Pro-Server, GP-Web, etc.) and the PLC. When doing this, data transfer with the PLC is performed through the optional Ethernet I/F Unit.

■ Inverter

Series	Inverter *1	Link I/F or CPU direct connection	Device type in Screen Editor
Varispeed G7/F7	CIMA-G7A□□□□ CIMA-F7A□□□□	Communication Connector on Inverter	Yaskawa Inverter
VS mini V7/J7	CIMA-V7□A□□□□	Communication Connector on Inverter	
	CIMA-J7□A□□□□	RS-422/RS-485 Interface Unit	

*1 The “□□□” characters in the inverter model codes reflect available options.