

Connection Unit List

UG30

●Applicable PLCs (As of February in 2008)

Maker	PLC series	1:1	1:n (Multi-drop)	Multi-link 2	n:1 (Multi-link)	Ethernet	Network option	PLC 2-Way
Fuji Electric FA	MICREX-F series	○	○	○	○		T-link	○
	SPB (N mode) & FLEX-PC series		○	○			OPCN-1 (FLEX-PC)	○ *2
	SPB (N mode) & FLEX-PC CPU			○	○			
	FLEX-PC COM (T)	○	○	○				
	FLEX-PC (T)	○		○				
	FLEX-PC CPU (T)	○		○				
Mitsubishi Electric	MICREX-SX SPH/SPB series			○		○ (SPH)	T-link (SPH) / OPCN-1 (SPH) / SX bus (SPH)	○
	MICREX-SX SPH/SPB CPU			○				
	A series link		○	○	○		CC-Link / OPCN-1	○
	A series CPU	○	○	○				
	QnA series link	○	○	○	○ Used with UG00P-DI	○	CC-Link	○ *2
	QnA series CPU	○		○				
	QnH (Q) series link	○	○	○		○	CC-Link	○ *2
	QnH (A) series CPU	○		○				
	QnH (Q) series CPU	○		○				○
	QnH (Q) series link (Multi CPU)	○	○	○	○	○		
	QnH (Q) series CPU (Multi CPU)	○		○				
	QnQ/J0001 CPU	○		○		○	CC-Link	
	FX series CPU	○		○				
	FX2N series CPU	○		○				
OMRON	FX1S series CPU	○		○				
	FX series link (A protocol)		○	○	○			○ *3
	FX-3UC series CPU			○				
	A link + Net10	○	○ *1	○	○			
	SYSMAC C	○	○	○			OPCN-1	○ *2
	SYSMAC CV	○	○	○				○ *2
	SYSMAC CS1/CJ1	○		○		○		○ *2
	SYSMAC CS1/CJ1 DNA	○	○ *1	○		○		
	JW series	○	○	○		○	FL-Net	○
	JW100/70H COM port	○	○	○				○
Sharp MS	JW20 COM port	○	○	○				○
	JW300 series	○	○	○				
	JW311/312/321/322 series (Ethernet)					○		
	JW313/323/341/342/352/362 series (Ethernet)					○		
						○		
Hitachi	HIDIC-4	○	○	○	○			
	HIDIC-EHV	○				○		
	HIDIC-S10/2 α/mini					○	OPCN-1	○
	HIDIC-S10/4 α	○						
	HIDIC-S10/ABS	○						
	HIDIC-S10V	○				○		
Matsushita Electric Works	MEWNET	○	○	○	○			○
Yokogawa Electric	FP series (Ethernet)					○		
	FA500	○	○	○	○			
	FA-M3	○	○	○	○			○
	FA-M3R	○	○	○	○	○	FL-Net	○
YASKAWA Electric	MEMOBUS							
	CP9200SH/MP900	○	○	○				
	MP2300(MODBUS TCP/IP)					○		
	CP/MIP expansion MEMOBUS(UDP/IP)					○		
Toyoda Machine Works	TOYOPUC	○		○	○	○		○
Koyo Electronics Industries	SUSG	○	○	○				
	SR-T	○	○	○				
	SR-T (K protocol)	○	○	○				
	SUSG (K-Sequence)	○	○	○				
	SUSG (Modbus RTU)	○	○	○				
		○	○	○				
Rockwell Automation (Allen-Bradley)	PLC-5	○	○	○		○		○
	SLC500	○	○	○		○		
	NET-ENI(SL500)					○		
	Micro Logix	○	○	○				
	Control Logix / Compact Logix					○ *6		
GE FUNUC Automation	90 series	○	○	○				
	90 series (SNP-X)	○	○	○				
Toshiba	T series	○	○	○	○	○		
	EX series	○	○	○				
Toshiba Machine	TC200	○	○	○	○			
SIEMENS	S5	○		○				
	S5 PG port	○		○				
	S7	○		○			PROFIBUS-DP	
	S7-200 MPI	○	○		○			
	S7-300/400 MPI	○	○ *4		○ *5	○		
	S7-300 MPI (UG00P-MP)	○	○ *4		○ *5			
	S7-300MPI (HMI ADP)			○				
	S7-300MPI (PC ADP)			○				
	S7-300MPI (Helmholtz SSW7 ADP)							
	S7-400(Multi CPU) (Ethernet)					○		
	S7 CPU319(Ethernet)					○		
	TI500/505	○		○	○			
	SELMART	○	○	○				
		○	○	○				
Shinko Electric	SELMART	○	○	○				
SAMSUNG	SPC series	○	○	○	○			
	N_plus	○	○	○	○			
	SECNET				○			○
		○	○	○				
Keyence	KZ series link	○	○	○				
	KZ-A500 CPU	○	○	○				
	KZ/KV series CPU	○	○	○				
	KZ24/300 CPU	○		○				
	KV10/24 CPU	○		○				○
	KV-700	○		○		○		○
	KV-1000	○		○				○
LS	MASTER-K10/60/200			○	○	○		
	MASTER-K500/1000		○		○	○		
	MASTER-KxxxS			○				
	MASTER-KxxxS CNET		○	○				
	GLOFA CNET	○	○					
	GLOFA GM series CPU	○				○		
	GLOFA GMR series (Ethernet)	○				○		
	XGT/XGK series	○		○		○		
	XGT/XGK series CPU	○		○				
		○		○				
FANUC	Power Mate	○	○	○				
Fatec Automation	FACON FB series	○	○	○				
	Izumii (IDEC)	○	○	○				
MICRO	MICRO Smart	○	○	○				
		○	○	○				
Modicon	Modbus RTU	○	○	○				
Yamatake	MX series	○	○	○				
	DMC50	○	○	○				
Taian Electric	TP02	○	○	○				
SAIA	PCD	○				○		
MOELLER	PS4	○		○				
Telemecanique	TSX Micro	○		○				
	Direct LOGIC	○	○	○		○		
	Direct LOGIC (K-Sequence)	○	○	○				
Automationdirect	Direct LOGIC (Modbus RTU)	○	○	○				
VIGOR	M series	○						
DELTA	DVP series	○						
Toyo Denki Seizo	μGPCsx series	○		○		○	OPCN-1/SX bus	
	μGPCsx CPU	○		○				
Baldor	Mint	○	○					
Modbus RTU (Free Format)		○	○					
Modbus TCP/IP (Ethernet)	-					○		
Modbus TCP/IP (Ethernet)Sub Station	-					○		
FESTO	FEC	○						
Honeywell	Universal Modbus RTU	○	○	○				
	Universal Modbus TCP/IP(Ethernet)					○		
EATON Cutler-Hammer	ELC	○						
UNITRONICS	M90/M91/Vision Series (ASCII)	○		○				
VIPA	MPI(RS232C Direct)	○		○				
IAI	PCON/ACON/SCON(MODBUS RTU)	○	○					
Baumüller	BMxx-PLC	○		○				
OEMax	NX7/NX Plus Series(70P/700P/CCU+)	○	○	○	○			
	N7/NX Series(70/700/750/CCU)	○	○	○				○

●Applicable Inverters, Temperature Controllers, etc. (As of February in 2008)

Maker	Unit name	Category
Fuji Electric FA	F-MPC04P(LOADER)	Power monitoring unit
	F-MPC series/FePSU	
	FVR-E11S	Inverter
	FVR-C11S	
	FRENIC5000G11S/P11S	
	FRENIC5000VG7S	
	FRENIC-Mini (MODBUS RTU)	
	FRENIC-Eco (MODBUS RTU)	
	FRENIC-Multi (MODBUS RTU)	
	FVR-E11S (MODBUS RTU)	
	FVR-C11S (MODBUS RTU)	
	FRENIC5000G11S/P11S (MODBUS RTU)	
	FRENIC5000VG7S (MODBUS RTU)	
	HFR-C9K	IH inverter
	HFR-C11K	
	PPMC (MODBUS RTU)	AC power monitor
Fuji Electric Technica	FADIC-α series	Servo system
	FADIC-W series	
	WA5000 *	Panel meter
Fuji Electric Systems	PYX (MODBUS RTU)	Temperature controller
	PYH	
	PXR (MODBUS RTU)	
	PXG (MODBUS RTU)	
	PXH (MODBUS RTU)	
	PUM(MODBUS RTU)	
	PH series	Recorder
	PHR (MODBUS RTU)	
Yokogawa M&C	UT100	Temperature controller
	UT750	
	UT550	
	UT520	
	UT350	
	UT320	
	UP350	
	UP550	
	UP750	
	UM330	
	UM350	
	UT2400/2800	
Yamatake	SDC10	Temperature controller
	SDC20	
	SDC21	
	SDC30/31	
	SDC35/36	
	SDC40A	
	SDC40G	
	DMC10	
	DMC50	
	AHC2001	
	AHC2001+DCP31/32	
	DCP31/32	
OMRON	E5CK	Temperature controller
	E5ZE	
	E5ZD	
	E5EK	
	E5EK-T	
	E5AK	
	E5AK-T	
	E5CK-T	
	E5AN/E5EN/E5CN/E5GN	
	E5ZN	
	E5AR/E5ER	
	V600/620	
	3G3MV (MODBUS RTU)	
RKC Instrument	SR-Mini (MODBUS RTU)	Temperature controller
	CB100/CB400/CB500/CB700/CB900 (MODBUS RTU)	
	SR-Mini (Standard Protocol)	
	REX-F400/F700/F900 (Standard Protocol)	
	REX-F9000 (Standard Protocol)	
	SRV (MODBUS RTU)	
	REX-B800 (Standard Protocol)	
	MA900/MA901(MODBUS RTU)	
Mitsubishi Electric	FR-#500	Inverter
	FR-V500	
	FR-#700(MODBUS RTU)	
	MR-J2S-#A	Servo system
	MR-J2S-#CL	
	MR-J2S-#CP	
	MR-J3-#A	

* The panel meter type that can connect with our POD UG Series is
WA5**7-□(□: 01 to 12.18).

*1 When the PLC connected to the controller network is connected to UG30 series, the UG30 can communicate with the PLC on the network.

*2 Only RS-232C can be used. *3 FX□N-422-BD cannot be connected. *4 Maximum 4 PLCs can be connected. *5 Maximum 3 UG30 can be connected.

*6 Comptible only with Control Logix.

◎ 1:1 denotes connection between one POD and one PLC.

◎ 1:n means that multiple PLCs can be connected to a single POD.

◎ Multi-Link 2 means that up to 4 PODs can be connected to a single PLC.

◎ n:1 means that multiple PODs can be connected to a single PLC.

◎ For the Ethernet communications, while the LAN port is the standard equipment for an advanced type POD, the communication interface unit (UG03I-E2) is required for the standard type POD.

◎ The communication interface unit (UG03I-x) is required when using a network option.

◎ For the PLC connection to the MJ port, RS-232C or RS-485 (2-wire type) must be used when using the PLC 2-Way.

Maker	Unit name	Category
Chino	DZ1000 (MODBUS RTU)	Temperature controller
	DZ2000 (MODBUS RTU)	
	KP1000	
	LT400 Series (MODBUS RTU)	
	DP1000	
	DB1000	
Nikki Denso	SQB-6432B	Servo system
Ohkura Electric	EC5500S	Digital indicator/controller
	EC5800	
	EC5600S	
	EC5900A	
Shinko Technos	C Series	Temperature controller
	FC Series	
	GC Series	
	DCL-33A	
	JCx-300 Series	
Sanmei Electronics	Cuty Axis	Servo system
	Cuty Axis3	