Peripheral Option List

Option			UG630H-XH	UG530H-VH	UG530H-VS	UG430H-VH	UG430H-VS	UG430H-TH	UG430H-TS	UG430H-SS
Screen data transfer cable	UG00C-T	Used for connection between POD and personal computer or between personal computer and UG00P-MR/CR for data transfer.	○	○	○	○	○	○	○	○
Printer cable	UG30C-C UG00C-C	Used to connect a printer to the POD	—	UG30C-C	UG30C-C	UG30C-C	UG30C-C	UG30C-C	UG30C-C	UG30C-C
Bar code reader connecting cable	UG00C-B	Used to connect a bar code reader to the POD.	○	○	○	○	○	○	○	○
Multi-link 2 master cable	UG00C-H03	Used to connect the POD master and slave in multi-link 2.	○	○	○	○	○	○	○	○
Temperature controller connecting cable	UG00C-P03	Used for connection between POD and temperature controller or inverter, or with PLC in PLC 2-Way.	○	○	○	○	○	○	○	○
MJ D-sub converter cable	UG30C-M	Used to connect PLC in the PLC 2-Way.	○	○	○	○	○	○	○	○
MJ2 D-sub converter cable	UG30C-J	Exclusive for UG230 and used to connect MJ2 to PLC.	—	—	—	—	—	—	—	—
Extension memory cassette	UG30P-D8 UG230P-D4 UG221P-D4	Used to increase the screen data memory capacity.	UG30P-D8	UG30P-D8	UG30P-D8	UG30P-D8	UG30P-D8	UG30P-D8	UG30P-D8	UG30P-D8
SRAM cassette	UG30P-SR UG230P-SR UG221P-SR	Cassette memory for backing up sampling data and POD internal memory. Calendar setting is also possible.	UG30P-SR	UG30P-SR	UG30P-SR	UG30P-SR	UG30P-SR	UG30P-SR	UG30P-SR	UG30P-SR
Ladder monitor memory cassette	UG30P-LM	Add-on memory for the ladder monitor function	UG30P-LM	UG30P-LM	UG30P-LM	UG30P-LM	UG30P-LM	UG30P-LM	UG30P-LM	UG30P-LM
Memory card/CF card recorder	UG00P-MR UG00P-CR	Used to back up screen data or as memory for the memory manager and data logging functions.	UG00P-MR	UG00P-MR UG00P-CR	UG00P-MR UG00P-CR	UG00P-MR UG00P-CR	UG00P-MR UG00P-CR	UG00P-MR UG00P-CR	UG00P-MR UG00P-CR	UG00P-MR UG00P-CR
Terminal converter	UG00P-TC	Used for connecting the POD and PLC via RS-422/485.	○	○	○	○	○	○	○	○
Dual-port interface	UG00P-DI	Used to increase the Mitsubishi A/QnA/FX programming connector into 2 ports.	○	○	○	○	○	○	○	○
I/O unit	UG00P-U2	Used as an external I/O of the POD. I/O = 16/16	○	○	○	○	○	○	○	○
Communication interface unit*	UG03I-T UG03I-S UG03I-J UG03I-E2 UG03I-P UG03I-C UG03I-D UG230I-T UG230I-S	UG03I-T (T-link) UG03I-S (SX bus) UG03I-J (OPCN-1) UG03I-E2 (Ethernet /FL-net) UG03I-P (PROFIBUS-DP) UG03I-C (CC-Link) UG03I-D (DeviceNet) UG230I-T (T-linkfor UG230) UG230I-S (SX bus for UG230)	○	○	○	○	○	○	○	○
Option unit	UG30A-VIS UG30A-RIS UG30A-ROS UG30A-SUD UG00A-VIS UG00A-RIS UG00A-ROS UG00A-SUD	UG30A-VIS (video input + audio output) UG30A-RIS (RGB input + audio output) UG30A-ROS (RGB output + audio output) UG30A-SUD (audio output)	○	○	—	○	—	○	—	—
Extension unit	UG230A-DCL	Conforms to 25-pin D-sub/ CF card/Ethernet.	—	—	—	—	—	—	—	—

*The communication unit adaptor UG230P-AP is necessary for mounting UG03I-□ to UG230.

UG330H-VH	UG330H-VS	UG330H-SS	UG230H-TS	UG230H-SS	UG230H-LS	UG221H-SR	UG221H-LR	UG221H-LE	UG221H-TC	UG221H-SC	UG221H-LC	UG320HD
○	○	○	○	○	○	○	○	○	○	○	○	○
UG30C-C	UG30C-C	UG30C-C	—	—	—	—	—	—	UG00C-C	UG00C-C	UG00C-C	—
○	○	○	○	○	○	○	○	○	○	○	○	○
○	○	○	○	○	○	○	○	○	○	○	○	○
○	○	○	○	○	○	○	○	○	○	○	○	○
○	○	○	○	○	○	○	○	○	○	○	○	○
—	—	—	○	○	○	—	—	—	—	—	—	—
UG30P-D8	UG30P-D8	UG30P-D8	UG230P-D4	UG230P-D4	UG230P-D4	—	—	—	UG221P-D4	UG221P-D4	UG221P-D4	—
UG30P-SR	UG30P-SR	UG30P-SR	UG230P-SR	UG230P-SR	UG230P-SR	—	—	—	UG221P-SR	UG221P-SR	UG221P-SR	—
UG30P-LM	UG30P-LM	UG30P-LM	—	—	—	—	—	—	—	—	—	—
UG00P-MR UG00P-CR	UG00P-MR UG00P-CR	UG00P-MR UG00P-CR	UG00P-MR	UG00P-MR	UG00P-MR	UG00P-MR	UG00P-MR	UG00P-MR	UG00P-MR	UG00P-MR	UG00P-MR	UG00P-MR
○	○	○	○	○	○	—	—	—	○	○	○	—
○	○	○	○	○	○	○	○	○	○	○	○	○
○	○	○	○	○	○	○	○	○	○	○	○	—
○	○	○	○	○	○	—	—	—	○	○	○	—
○	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	○	○	○	—	—	—	—	—	—	—

Connection Unit List

●Applicable PLCs (As of August in 2006)

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)	○		○				
	MICREX-SX SPH/SPB series	○		○		○ (SPH)	T-link (SPH) / OPCN-1 (SPH) / SX bus (SPH)	○
	MICREX-SX SPH/SPB CPU	○		○				
Mitsubishi Electric	A series link	○	○	○	○		CC-Link / OPCN-1	○
	A series CPU	○		○				
	QnA series link	○	○	○		○	CC-Link	○ *2
	QnA series CPU	○		○	○Used with UG00P-DI			
	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)	○		○				
	Q00J/00/01CPU	○		○		○	CC-Link	
	FX series CPU	○		○				
	FX2N series CPU	○		○				
	FX1S series CPU	○		○				
	FX series link (A protocol)	○	○	○	○			○ *3
	FX-3UC series CPU	○		○				
	A link + Net10	○	○ *1		○			
OMRON	SYSMAC C	○	○	○			OPCN-1	○ *2
	SYSMAC CV	○	○	○				○ *2
	SYSMAC CS1/CJ1	○	○	○		○		○ *2
	SYSMAC CS1/CJ1 DNA	○	○ *1			○		
Sharp MS	JW series	○	○	○	○	○	FL-Net	○
	JW100/70H COM port	○	○	○				○
	JW20 COM port	○	○	○				○
	JW300 series	○	○	○				
	JW311/312/321/322 series (Ethernet)					○		
	JW331/332/341/342/352/362 series (Ethernet)					○		
Hitachi	HIDIC-H	○	○	○	○	○		
	HIDIC-EHV	○				○		
	HIDIC-S10/2 α/mini	○		○		○	OPCN-1	○
	HIDIC-S10/4 α	○		○				○
	HIDIC-S10/ABS	○		○				
	HIDIC-S10V	○				○		
Matsushita Electric	MEWNET	○	○	○	○	○		○
Works	FP series					○		
Yokogawa Electric	FA500	○	○	○	○			
	FA-M3	○	○	○	○	○		○
	FA-M3R	○	○	○	○	○	FL-Net	○
YASKAWA Electric	MEMOBUS	○	○	○				
	CP9200SH/MP900	○	○	○				
	MP2300(MODBUS TCP/IP)					○		
Toyoda Machine Works	TOYOPUC	○	○	○	○	○		○
Koyo Electronics	SU/SG	○	○	○				
Industries	SR-T	○	○	○				
	SR-T (K protocol)	○		○				
	SU/SG (K-Sequence)	○		○				
	SU/SG (ModbusRTU)	○		○				
Rockwell Automation	PLC-5	○	○	○		○		
(Allen-Bradley)	SLC500	○	○	○		○		○
	NET-ENI (SL500)					○		
	Micro Logix 1000	○	○	○				
	Control Logix / Compact Logix	○		○		○ *6		
GE FUNUC Automation	90 series	○	○	○				
	90 series (SNP-X)	○		○				
Toshiba	T series	○	○	○	○	○		
	EX series	○	○	○				
Toshiba Machine	TC200	○	○	○	○			

●Applicable PLCs (As of August in 2006)

Maker	PLC series	1:1	1:n (Multi-drop)	Multi-link 2	n:1 (Multi-link)	Ethernet	Network option	PLC 2-Way
SIEMENS	S5	○		○				
	S5 PG port	○		○				
	S7	○		○			PROFIBUS-DP	
	S7-200 PPI	○	○		○			
	S7-300/400 MPI	○	○ *4		○ *5	○		
	S7-300MPI (UG 00P-MP)	○	○ *4		○ *5			
	S7-300MPI (HMI ADP)	○		○				
	S7-300MPI (PC ADP)	○		○				
	S7-300MPI (Helmholz SSW7 ADP)	○		○				
	TI500/505	○		○				
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	○		○		○		
FANUC	Power Mate	○		○				
Fatec Automation	FACON FB series	○	○	○				
Izumi (IDEC)	MICRO3	○	○	○				
	MICRO Smart	○	○	○				
Modicon	Modbus RTU	○	○	○				
Yamatake	MX series	○		○				
	DMC50	○	○	○				
Taian Electric	TP02	○	○	○				
SAIA	PCD	○		○		○		
MOELLER	PS4	○		○				
Telemecanique	TSX Micro	○		○				
Automationdirect	Direct LOGIC	○	○	○		○		
	Direct LOGIC (K-Sequence)	○	○	○				
	Direct LOGIC (ModbusRTU)	○	○	○				
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	–					○		
FESTO	FEC	○		○				
Honeywell	Universal Modbus RTU	○	○	○				
	Universal Modbus TCP/IP(Ethernet)					○		
EATON Cutler-Hummer	ELC	○		○				
UNITRONICS	M90/M91/Vision series (ASCII)	○		○				

✻The panel meter type that can connect with our POD UG Series is WA5**7-□(□: 01 to 12 and 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.

◎ 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-□) 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.

Connection Unit List

●Applicable Inverters, Temperature Controllers, etc. (As of August in 2006)

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
	Faldic-α series	Servo system
	Faldic-W series	
Fuji Electric Technica	WA5000✻	Panel meter
Fuji Electric Systems	PYX (MODBUS RTU)	Temperature controller
	PYH	
	PXR (MODBUS RTU)	
	PXG (MODBUS RTU)	
	PXH (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	
	E53K	
	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)	

✻The panel meter type that can connect with our POD UG Series is WA5**7-□(□: 01 to 12 and 18).

Maker	Unit name	Category
Mitsubishi Electric	FR-✻500	Inverter
	FR-V500	
	MR-J2S-✻A	Servo system
	MR-J2S-✻CL	
	MR-J2S-✻CP	
	MR-J3-✻A	
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
Toshiba	VF-S7	Inverter
	VF-S9	
	VF-S11	
	VF-A7	
SanRex	DC AUTO (HKD type)	Rectifier
A & D	AD4402 (MODBUS RTU)	Weight indicator
	AD4404 (MODBUS RTU)	
IAI	Super SEL controller	Controller
	X-SEL controller	
	TX-C1	
	ROBO CYLINDER (RCP2/ERC)	Electric cylinder
	ROBO CYLINDER (RCS)	
Koatsu Gas Kogyo	R-BLT	Card reader/writer
LG	iS5	Inverter
	iG5	
EUROTHERM	2400 series (MODBUS RTU)	Controller
UNIPULSE	F340A	Digital indicator
	F371	
	F600	
	F800	
Hitachi	SJ300 series	Inverter
	L300P series	
YASKAWA Electric	VS mini V7 series	Inverter
YASKAWA CONTROLS	E-POSI series	Positioning controller
M-System	R1M series (MODBUS RTU)	Recorder for personal
	R5 series (MODBUS RTU)	computer
SAMSUNG	MOSCON-E7	Inverter
SUNX	LP-200/LP-F10	Laser marker
	LP-300	
	LP-400	
	LP-V10	
	LP-W052	
Sanyo Electric	PB1 series	Servo system
Gammaflux	TTC2100	Temperature control system
Toho Electronics	TTM-000	Temperature controller
Sanken Electric	SAMCO-e	Inverter
	SAMCO-vm05	
Honeywell	Universal Modbus RTU	Temperature controller
	DC1000	
Shimaden	Shimaden standard protocol	Temperature controller
YAMAHA MOTOR	RCX142	Robot controller
	SRCD/SRCX	
	PRC	
Siemens	MICROMASTER 400	Inverter
	USS Protocol	General-purpose protocol
DELTA DAU DATA SYSTEMS	PMAC	Temperature controller
KOGANEI	ABSRCD/ABSRCX	Controller
	ABPRC	
SICK	DME3000	Laser distance measuring device
Danfoss	VLT series	Inverter
Modbus Free		

Product Warranty

Dear Customers of Fuji Electric Controller,

The warranty of this product is as follows unless the special instructions state otherwise in the quote, contract, catalog, or specifications at the time of quote or order.
The purpose or area of use may be limited, and a routine checkup may be required depending on the product. Please contact the distributor from which you purchased the product from, or Fuji Electric for further information.
Please conduct prompt incoming inspection of the product upon purchase or delivery. Also, please give enough consideration to management and maintenance of the product prior to accepting the product.

1. Period and coverage of the warranty

1-1 Period

(1) The period of the warranty is effective until the earliest of either a year from the date of purchase or, eighteen (18) months from the date of manufacture printed on the plate.
(2) The above period may not be applicable in case the particular environment, conditions or frequency of use affects the lifetime of the product.
(3) The warranty for the parts repaired by Fuji Electric service department is effective for six months from the date of repair.

1-2 Coverage

(1) If malfunction occurs in the period of warranty due to Fuji Electric, the malfunctioning parts are exchanged or repaired for free at the point of purchase or delivery. However, the warranty does not apply to the following cases.
  1) The malfunction occurs due to inappropriate conditions, environment, handling or usage that is not instructed in a catalog, instruction book or usersÅf manual.
  2) The malfunction is caused by the factors that do not originate in the purchased or delivered product.
  3) The malfunction is caused by other devices or software design that does not originate in Fuji Electric products.
  4) The malfunction occurs due to an alteration or repair that is not performed by Fuji Electric.
  5) The malfunction occurs because the expendable parts listed in an instruction book or catalog were not maintained nor exchanged in an appropriate manner.
  6) The malfunction occurs due to factors that were not foreseeable by the practical application of science and technology at the time of purchase or delivery.
  7) The malfunction occurs because the product is used for an unintended purpose.
  8) The malfunction occurs due to a disaster or natural disaster that Fuji Electric is not responsible for.
(2) The warranty is only applicable to the single purchased delivered product.
(3) The warranty covers only the area stated in above (1). Any damage induced by the malfunction of the purchased or delivered product, including the damage or loss to a device or machine and passive damages, is not covered by the warranty.

1-3 Malfunction diagnosis

Malfunction is to be diagnosed temporarily by the purchaser. This diagnosis can be conducted by Fuji Electric or its delegated service provider with due charge upon the request from the purchaser. The charge is to be paid by the purchaser at the rate stipulated in the rate schedule of Fuji Electric.

2. Liability for opportunity loss

Regardless of the time period of the occurrence, Fuji Electric is not liable for the damage caused by the factors Fuji Electric is not responsible for, opportunity loss of the purchaser caused by malfunction of Fuji Electric product, passive damages, damage caused due to special situations regardless of whether it was foreseeable or not, and secondary damage, accident compensation, damage to products that were not manufactured by Fuji Electric, and compensation towards other operations.

3. Period for repair and provision of spare parts after the production is discontinued (maintenance period)

The discontinued models (products) can be repaired for seven years from the date of discontinuation. Also, most spare parts used for repair are provided for seven years from the date of discontinuation. However, some electric parts may not be obtained due to their short life cycle. In this case, repair or provision of the parts may be difficult in the above period. Please contact Fuji Electric or its service providers for further information.

4. Delivered term

Standard products that do not entail application setting or adjustment are regarded as received by the purchaser upon delivery. Fuji Electric is not responsible for local adjustments and test runs.

5. Service

The price of the delivered or purchased products does not include the service fee for the technician. Please contact Fuji Electric or its service providers for further information.

6. Scope of application

Above contents shall be assumed to apply to transactions and use of the country where you purchased the products. Consult the local supplier or Fuji for the detail separately.

UG 30 series

Item	Type (product code)	Specification			CE	UL	NK	Remarks
Main unit UG630 series 15.0 type	UG630H-XH1	TFT color LCD XGA	Ethernet port mounted as standard, Option unit installation is possible.	AC100-200V				
	UG630H-XH4			DC24V	◎	◎	◎	
Main unit UG530 series 12.1 type	UG530H-VS1	TFT color LCD SVGA		100-200VAC				
	UG530H-VH1		Ethernet port mounted as standard, Option unit installation is possible.					
	UG530H-VS4			24VDC	◎	◎		*1
	UG530H-VH4		Ethernet port mounted as standard, Option unit installation is possible.		◎	◎		*1
Main unit UG430 series 10.4 type	UG430H-TS1	TFT color LCD VGA		100-200VAC				
	UG430H-TH1		Ethernet port mounted as standard, Option unit installation is possible.					
	UG430H-TS4			24VDC	◎	◎		*1
	UG430H-TH4		Ethernet port mounted as standard, Option unit installation is possible.		◎	◎		*1
	UG430H-VS1	TFT color LCD SVGA		100-200VAC				
	UG430H-VH1		Ethernet port mounted as standard, Option unit installation is possible.					
	UG430H-VS4			24VDC	◎	◎		*1
	UG430H-VH4		Ethernet port mounted as standard, Option unit installation is possible.		◎	◎		*1
	UG430H-SS1	TFT color LCD VGA 128-color type		100-200VAC				
	UG430H-SS4			24VDC	◎	◎		*1
	UG430H-VH1B	Separated type SVGA	Ethernet port mounted as standard, Option unit installation is possible.	100-200VAC				
	UG430H-VH4B			24VDC	◎	◎		
Main unit UG330 series TFT 8.4 type, STN 7.7 type	UG330H-VS4	TFT color LCD SVGA		24VDC	◎	◎		*1
	UG330H-VH4		Ethernet port mounted as standard, Option unit installation is possible.		◎	◎		*1
	UG330H-SS4	STN color LCD VGA			◎	◎		*1
Main unit UG230 series 5.7 type	UG230H-LS4	Monochrome LCD QVGA	Analog touch panel	24VDC	◎	◎		
	UG230H-SS4	STN color LCD QVGA			◎	◎		
	UG230H-TS4	TFT color LCD QVGA			◎	◎		
	UG230H-LS4D	Monochrome LCD QVGA	Matrix touch panel	24VDC	◎	◎		
	UG230H-SS4D	STN color LCD QVGA			◎	◎		
	UG230H-TS4D	TFT color LCD QVGA			◎	◎		

*1 Conforms to CE marking by mounting the communication unit conforming to CE marking. When both the communication unit and the memory card reader are combined, conformity to CE marking needs to be checked by the user.

* Matrix touch panel type
For the UG30 series, the matrix touch panel types are also available. For more information, please contact Fuji Electric FA.

● Matrix touch panel applicable models
UG530H-V□□D
UG430H-T□□D
UG430H-SS□D

Simple POD

Item	Type (product code)	Specification			CE	UL	Remarks
Main unit Simple POD 5.7 type	UG221H-LE4	Monochrome LCD QVGA		24VDC	◎	◎	
	UG221H-LR4		SRAM, built-in clock		◎	◎	
	UG221H-SR4	STN color LCD QVGA			◎	◎	

* Communication unit UG03I-□ cannot be connected.

UG221 Series

Item	Type (product code)	Specification			CE	UL	Remarks
Main unit UG221 series 5.7 type	UG221H-LC4	Monochrome LCD QVGA	Analog touch panel	24VDC	◎	◎	
	UG221H-SC4	STN color LCD QVGA			◎	◎	
	UG221H-TC4	TFT color LCD QVGA			◎	◎	
	UG221H-LC4D	Monochrome LCD QVGA	Matrix touch panel	24VDC	◎	◎	
	UG221H-SC4D	STN color LCD QVGA			◎	◎	
	UG221H-TC4D	TFT color LCD QVGA			◎	◎	

Handy POD

Item	Type (product code)	Specification			CE	UL	Remarks
Main unit Handy POD 7.7 type	UG320HD-SC4	STN color LCD VGA		24VDC	◎	◎	
	UG320HD-SC4K		Key switch		◎	◎	
	UG320HD-SC43		3-position deadman's switch		◎	◎	
	UG320HD-SC4K3		Key switch, 3-position deadman's switch		◎	◎	

Peripheral Option Unit

Item	Type (product code)	Specification		CE	UL	Remarks
Screen editor software	UG00S-CWV3	Editor CD-ROM Version for Windows (Japanese/English)				
	UG00S-CWV4	Editor CD-ROM Version for Windows V4 (Japanese/English, V4.0.5.0 or later)				
Communication unit	UG03I-J	OPCN-1		◎	◎	
	UG03I-T	T-link		◎	◎	
	UG230I-T	T-link (for UG230)		◎	◎	
	UG03I-S	SX bus		◎	◎	
	UG230I-S	SX bus (for UG230, UG03I-S+UG230P-AP)		◎	◎	
	UG03I-E2	Ethernet (OPCN-2 (FL-net2))		◎	◎	
	UG03I-P	PROFIBUS-DP		◎	◎	
	UG03I-D	DeviceNet		◎	◎	
	UG03I-C	CC-Link			◎	
	UG230P-AP	Communication unit adaptor for UG230 (with the CF card slot and the memory cassette connector)		◎	◎	*2
Option unit	UG00A-VIS	Video input 4CH+ audio output 1CH (for UG630)				
	UG00A-RIS	Analog RGB input+ audio output (for UG630)				
	UG00A-ROS	Analog RGB output+ audio output (for UG630)				
	UG00A-SUD	Audio output 1CH (for UG630)				
	UG30A-VIS	Video input + audio output		◎	◎	
	UG30A-RIS	Analog RGB input + audio output			◎	
	UG30A-ROS	Analog RGB output + audio output			◎	
	UG30A-SUD	Audio output			◎	
Extension unit	UG230A-DCL	Ethernet, CF card, D-bus 25-pin		◎	◎	*2
Cable	UG00C-T	For screen data transfer	3m			
	UG30C-C	For printer connection to UG30	2.5m			
	UG00C-C	For printer connection to UG221	2.5m			
	UG00C-B	For bar code reader connection to POD	2m			
	UG00C-H03	For high-speed multi-link (Multi-Link 2) connection (between master and slave)	3m			
	UG00C-P03	For temperature control network, PLC 2-Way	3m			
	UG30C-M	For modular jack-D-sub25 conversion	0.3m			
	UG30C-J	For modular jack-D-sub25 conversion (RS-232C/485: 4-wire type)	0.3m			
	UG00C-X02	For Mitsubishi FX series connection via RS-232C	2m			
	UG00C-S02	For direct connection to MICREX-SX SPH CPU port	2m			
	UG00C-S03		3m			
	UG00C-S05		5m			
	UG200C-N02	For direct connection to SPB & FLEX-PC N series CPU port	2m			
	UG200C-N03		3m			
	UG200C-N05		5m			
	UG200C-M02	For direct connection to Mitsubishi CPU port	2m			
	UG200C-M03		3m			
	UG200C-M05		5m			
	UG00C-E02	For direct connection to Mitsubishi FX2N CPU port	2m			
	UG00C-E03		3m			
	UG00C-E05		5m			
	UG00C-Q02	For direct connection to Mitsubishi Q series CPU port	2m			
	UG00C-Q03		3m			
	UG00C-Q05		5m			
	UG230C-S02	For MICREX-SX SPH CPU port (for UG230)	2m			
	UG230C-S03		3m			
	UG230C-S05		5m			
	UG230C-N02	For SPB & FLEX-PC N series CPU port (for UG230)	2m			
	UG230C-N03		3m			
	UG230C-N05		5m			
	UG230C-M02	For direct connection to Mitsubishi CPU port (for UG230)	2m			
	UG230C-M03		3m			
	UG230C-M05		5m			
	UG230C-E02	For direct connection to Mitsubishi FX2N CPU port (for UG230)	2m			
	UG230C-E03		3m			
	UG230C-E05		5m			

*2 The device, when connected with the POD, conforms to the CE marking and has obtained UL standards.
* The UG230P-AP is always used in combination with the communication unit UG03I-□ and not usable as a single unit.

Item	Type (product code)	Specification		CE	UL	Remarks
Cable	UG30C-MA03	For ladder transfer to Mitsubishi A series CPU port	3m			
	UG30C-MA05		5m			
	UG00C-HD03	Cable for connecting Handy POD	3m			
	UG00C-HD05		5m			
	UG00C-HD15		15m			
	UG00C-HD20		20m			
	UG200C-G	For connection between Mitsubishi CPU port and UG00P-DI				
Extension memory cassette	UG30P-D8	Flash memory (for UG530/430/330)	8MB	◎	◎	*2
	UG230P-D4	Flash memory (for UG230)	4MB			
	UG221P-D4	Flash memory (for UG221)	4MB			
Ladder monitor memory cassette	UG30P-LM	Ladder monitor memory cassette			◎	
SRAM cassette	UG30P-SR	SRAM cassette (for UG530/430/330)	512KB	◎	◎	*2
	UG230P-SR	SRAM cassette (for UG230)	512KB			
	UG221P-SR	SRAM cassette (for UG221)	512KB			
Communication terminal block	UG00P-TC	Communication terminal block for RS-485			◎	*2
I/O unit	UG00P-U2	Panel mounting I/O unit				
Memory card editing software	UG00P-MS	Memory card data editing software CD-ROM version (Japanese/English)				
Recorder	UG00P-MR	Memory card recorder for screen data transfer or external storage		◎		
	UG00P-CR	Compact Flash card recorder for screen data transfer and external storage		◎		
Dual-port interface	UG00P-DI	Mitsubishi A, Q, FX series CPU port interface				
MPI adapter	UG00P-MP	MPI adapter for PLC connection by SIEMENS				
Protection sheet	UG630P-PS	Screen protection sheet (for UG630)				
	UG530P-PS	Screen protection sheet (for UG530)				
	UG430P-PS	Screen protection sheet (for UG430)				
	UG330P-PS	Screen protection sheet (for UG330)				
	UG220P-PS	Screen protection sheet (for UG230/UG221)				
	UG630P-PT	Diffused reflection protective sheet (for UG630)				
	UG530P-PT	Diffused reflection protective sheet (for UG530)				
	UG430P-PT	Diffused reflection protective sheet (for UG430)				
	UG330P-PT	Diffused reflection protective sheet (for UG330)				
	UG220P-PT	Diffused reflection protective sheet (for UG230/UG221)				
Maintenance parts	UG630P-BX	Replacement backlight LCD (for UG630)				
	UG530P-BFB	Replacement backlight (for UG530, TFT color)				
	UG420P-BVA	Replacement backlight (for UG430, TFT color (SVGA))				
	UG430P-BFB	Replacement backlight (for UG430, TFT color (VGA 32K/128 color))				
	UG330P-BV	Replacement backlight (for UG330, TFT color)				
	UG320P-BC	Replacement backlight (for UG330, STN color)				
	UG30P-BT	Battery (for UG530/430/330/230/Simple POD)				
	UG00P-HDRS	Battery (for Handy POD)				
Memory card	UG00K-S25K	SRAM card	256KB			
	UG00K-S51K		512KB			
	UG00K-S01M		1MB			
	UG00K-S02M		2MB			
	UG00K-S04M		4MB			
	UG00K-F04M	Flash memory card	4MB			
Stand	UG00P-HDST	Stand for Handy POD				
Mounting bracket	UG00P-HDFS	Wall mounting set for Handy POD (both POD and wall sides)				
	UG00P-HDF1	Wall mounting set for Handy POD (wall side only)				

⚠ Safety Considerations

- For safe operation, before using the product read the instruction manual or user manual that comes with the product carefully or consult the Fuji sales representative from which you purchased the product.
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