

GP2000 SERIES

Increase your business opportunities with powerful performance and Ethernet connectivity.



















Aluminum body for superb cooling and dust resistance.





- 12.1 inch
- TFT Color
- 800 x 600 pixels
- 256 Colors
- 4MB FEPROM
- 256KB SRAM
- CF Card
- Ethernet
- Expansion SIO
- Optional Video

GP-2600T

GP2600-TC11

((FU : FU

GP2600-TC41-24V C€ (UL) (UL)



- 10.4 inch
- TFT Color
- 640 x 480 pixels
- 256 Colors
- 4MB FEPROM
- 256KB SRAM
- CF Card
- Ethernet
- Expansion SIO
- Optional Video

GP-2500T

GP2500-TC11

((FU°, FU°)

GP2500-TC41-24V C € (II) (III)

- 10.4 inch
- STN Color
- 640 x 480 pixels
- 64 Colors
- 4MB FEPROM
- 256KB SRAM
- CF Card
- **Ethernet**
- Expansion SIO

GP-2500S

GP2500-SC41-24V

(**(UL** , **UL**)



- 10.4 inch
- Monochrome LCD
- 640 x 480 pixels
- Black & White, Gray Scale
- 4MB FEPROM
- 256KB SRAM
- CF Card
- **Ethernet**
- Expansion SIO

GP-2500L

GP2500-LG41-24V

(((UL) (UL)



- 7.4 inch
- TFT Color
- 640 x 480 pixels ■ 256 Colors
- 4MB FEPROM
- 256KB SRAM
- CF Card Ethernet
- Expansion SIO

- - 5.7 inch

CE FUE 3)

GP-2400T GP2300-TC41-24V

GP2400-TC41-24V

((U):(U)

- TFT Color ■ 320 x 240 pixels
- 256 Colors
- 2MB FEPROM
- 256KB SRAM
- CF Card Ethernet
- Expansion SIO
- 320 x 240 pixels ■ 64 Colors
- 2MB FEPROM ■ 256KB SRAM

■ 5.7 inch

■ STN Color

■ CF Card Ethernet

■ Expansion SIO

■ 256KB SRAM ■ CF Card

■ 5.7 inch

■ Monochrome LCD

■ Black & White, Gray Scale

■ 320 x 240 pixels

■ 2MB FEPROM

Ethernet **■** Expansion SIO

GP-2300T GP-2300S GP-2300L

GP2300-SC41-24V

CE SUE SUE

GP2300-LG41-24V CE SUE 31

GP 2000 Series 2

1 GP 2000 Series

GP2001 SERIES

With the **Built-in CF Card I/F**, handling of production data management and screen maintenance is smooth and easy.

















Aluminum body for superb cooling and dust resistance.



■ 5.7 inch

■ Monochrome LCD

Black & White, Gray Scale

■ 320 x 240 pixels

■ 1MB FEPROM

■ 128KB SRAM

GP-23011

■ CF Card



- 12.1 inch
- TFT Color
- 800 x 600 pixels
- 256 Colors
- 4MB FEPROM
- 128KB SRAM
- CF Card

GP-2601T GP2601-TC11 (E 711° 171°



- 10.4 inch
- TFT Color
- 640 x 480 pixels
- 256 Colors
- 2MB FEPROM
- 128KB SRAM ■ CF Card

GP-2501T GP2501-TC11



- 10.4 inch
- STN Color
- 640 x 480 pixels
- 64 Colors
- 2MB FEPROM ■ 128KB SRAM
- CF Card

GP-2501S GP2501-SC11

(E PU : FU



- 10.4 inch
- Monochrome LCD
- 640 x 480 pixels
- Black & White, Gray Scale
- 2MB FEPROM
- 128KB SRAM
- CF Card

GP-2501L GP2501-LG41-24V

(**(U)** (**U)**



- 7.4 inch
- TFT Color ■ 640 x 480 pixels
- 256 Colors
- 2MB FEPROM
- 128KB SRAM

■ CF Card

GP-2401T GP2401-TC41-24V

(**(U)** (**U)**



- 5.7 inch
- TFT Color
- 320 x 240 pixels ■ 256 Colors
- 1MB FEPROM
 - 128KB SRAM ■ CF Card

GP-2301 GP2301-TC41-24V

(E 911° 91°



■ 5.7 inch

■ STN Color

■ 320 x 240 pixels

GP-2301S

GP2301-SC41-24V (E 911° 1911°



GP2000H Series — Designed to meet global safety standards —



- 6.5 inch ■ TFT Color
- 640 x 480 pixels
- 256 Colors ■ 2MB FEPROM ■ 128KB SRAM
- CF Card ■ Tool Connector

(E 711°, 711°)

- Vibration Function
- 3-position Enable Switch ■ 3-contact Emergency Switch



- 5.7 inch ■ STN Color ■ 320 x 240 pixels
- 64 Colors ■ 1MB FEPROM ■ 128KB SRAM
- CF Card ■ Tool Connector ■ Vibration Function
- 3-position Enable Switch ■ 3-contact Emergency Switch



- 5.7 inch
- Monochrome LCD ■ 320 x 240 pixels
- Black & White, Gray Scale ■ 1MB FEPROM
- 128KB SRAM
- CF Card
- Tool Connector ■ Vibration Function
- 3-position Enable Switch
- 3-contact Emergency Switch

GP-2401HT (((() ()) GP2401H-TC41-24V















3 GP 2001 SERIES GP 2001 SERIES 4

GP 2600/2601 Series

Ethernet Model

Mitsubishi PLC A-Series Program Port I/F Cable 🛚 🕌

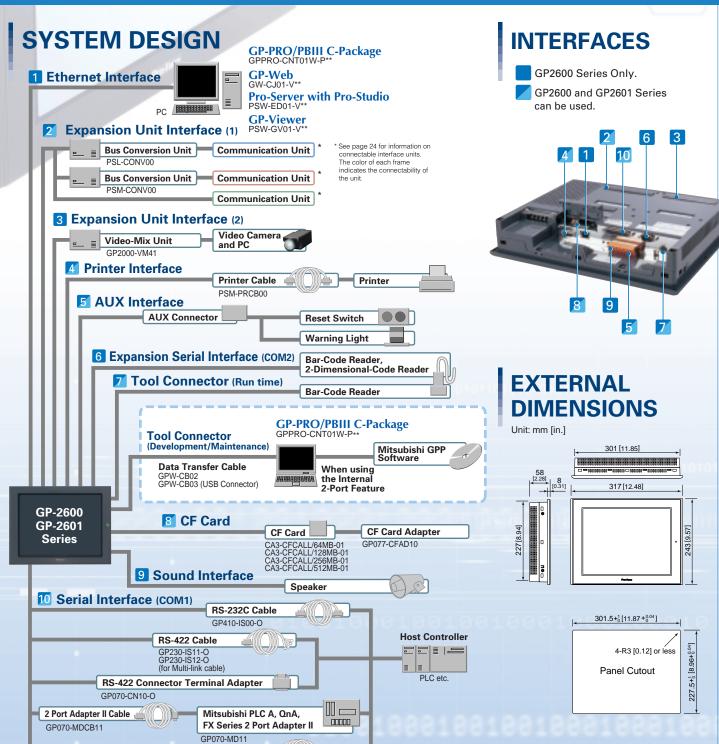
GP2000-CBLFX / 1M-01 GP2000-CBLFX / 5M-01

Mitsubishi PLC FX-Series Program Port I/F Cable



GP-2600T





FUNCTIONAL SPECIFICATIONS

Мс	odel	GP2600-TC11 GP2600-TC41-24V			
Disp	lay Type	TFT Color LCD			
Disp	lay Colors	256 colors *1			
Back	klight	User replaceable CCFL (Service life: 50,000 hrs. at 25°C and 24hr. operation)			
Disp	lay Resolution	800 x 600 pixels			
Effe	ctive Display Area	W246mm [9.69in.] x H184.5mm [7.26in.]			
Brigh	ntness Control	4 levels of adjustment available via touch panel			
Lang	guage Fonts	ASCII: (Code page 850) Alphanumeric (including European characters) Chinese: (GB2312-80 codes) simplified Chinese fonts Japanese: ANK 158, Kanji; 6962 (JIS Standards 1 and 2) Korean: (KSC5601-1992 codes) Hangul fonts Tawanese: (Big 5 codes) traditional Chinese fonts			
	8 x 8 dots	100 Char. x 75 rows			
×	8 x 16 dots	100 Char. x 37 rows			
Text	16 x 16 dots	50 Char. x 37 rows			
	32 x 32 dots	25 Char. x 18 rows			
Chai	racter Sizes*2	8 x 8 dot font, 8 x 16 dot font, 16 x 16 dot font, 32 x 32 dot font			
Font	Sizes	Width: 1~8 times expandable / Height: 1/2*3, 1~8 times expandable			
Touc	ch Panel Resolution	40 x 30 keys / screen - 1 or 2 point touch			
Ope	ration Status LED	Green: Normal Operation; Orange: Backlight Burn-out			
È	Application	4MB FEPROM (Approx. 1280 screens at 3.2KB/screen)			
len Ve	Data Backup	256KB SRAM — uses a lithium battery*4			
Serie	al Interface	Asynchronous Transmission: RS-232C/RS-422			
(COI	M1)	Data Length: 7 or 8 bits Stop Bit: 1 or 2 bits Parity: None, Odd or Even Data Transmission Speed: 2,400bps to 115.2kbps (MPI: 187.5kbps)*5			
(COI	ansion Serial Interface M2)	Asynchronous Transmission : RS-232C Data Length : 7 or 8 bits Stop Bit. : 1 or 2 bits Parity : None, Odd or Even Data Transmission Speed : 2,400 bps to 38.4kbps			
Expa	ansion Unit Interface 1	1ch, for Optional Communication Unit Connection			
Expa	ansion Unit Interface 2	1ch, for Optional Video-mix Unit Connection			
Ethe	rnet Interface	IEEE802.3, 10BASE-T			
Tool	Connector Interface	Asynchronous TTL level nonprocedural command I/F «During screen file development» Used for transfering data to and from the GP application software and the GP. Used for data transfer with the 2-Port feature. «During Operation. Used for a variety of devices, including a bar-code reader.			
CF (Card Interface	1 slot (CompactFlash™)			
CF C	Card Expansion Interface	CF Card Front Maintenance Unit Connector			
Print	ter Interface	Compatible with NEC PC-PR201/PL , EPSON ESC/P24-J84(C), HP Laser Jet PCL 4 command, EPSON PM/Stylus (6-color ink), EPSON Stylus (4-color ink) compatible printers*6			
	Input/Output	Remote Reset Input: 1 point Input Current: 4mA (TYP), Min. Input Pulse Width:2ms Operating Voltage: (When ON) Min. DC21.2V, (When OFF) Max. DC3V Isolation Method: Photocoupler Isolation Output -3 Points: RUN Output -1 point, System Alarm Output -1 point, External Buzzer Output -1 point Rated Voltage: DC24V Rated Current: 50mA/point Wire Gauge: AWG28 to AWG16			
Sour	nd Output	External Speaker Connection (Terminal Block) Monaural 10H Speaker Output: 70mW (Rated Load: 8W, Frequency: 1kHz) Sound Line Out Output: 2.7Vp-p (Rated Load: 10kW)			

		GP2601-TC11			
Disp	olay Type	TFT Color LCD			
Display Colors		256 colors *1			
	klight	User replaceable CCFL (Service life: 50,000 hrs. at 25°C and 24hr. operation)			
Disp	olay Resolution	800 x 600 pixels			
	ctive Display Area	W246mm [9.69in.] x H184.5mm [7.26in.]			
	htness Control	4 levels of adjustment available via touch panel			
Lan	guage Fonts	ASCII: (Code page 850) Alphanumeric (including European characters) Chinese: (GB2312-80 codes) simplified Chinese tonts Japanese: ANK 158, Kanji: 6962 (JIS Standards 1 and 2) Korean: (KSC6601-1992 codes) Hangul fonts Talwanese: (Big 5 codes) traditional Chinese fonts			
	8 x 8 dots	100 Char. x 75 rows			
Text	8 x 16 dots	100 Char. x 37 rows			
Ĕ	16 x 16 dots	50 Char. x 37 rows			
	32 x 32 dots	25 Char. x 18 rows			
Cha	racter Sizes*2	8 x 8 dot font, 8 x 16 dot font, 16 x 16 dot font, 32 x 32 dot font			
Font	t Sizes	Width: 1~8 times expandable / Height: 1/2*3, 1~8 times expandable			
	ch Panel Resolution	40 x 30 keys / screen - 1 or 2 point selectable			
	ration Status LED	Green : Normal Operation; Orange : Backlight Burn-out			
Метолу	Application	4MB FEPROM (Approx. 1280 screens at 3.2KB/screen)			
₩	Data Backup	128KB SRAM — uses a lithium battery*4			
Seria (CO	al Interface M1)	Asynchronous Transmission : RS-232C/RS-422 Data Length: 7 or 8 bits Stop Bit: 1 or 2 bits Parity: None, Odd or Even Data Transmission Speed: 2,400bps to 115,2kbps (MPI: 187.5kbps)*5			
Tool	Connector Interface	Asynchronous TTL level nonprocedural command I/F <during development="" file="" screen=""> Used for transferring data to and from the GP application software and the Gf Used for data transfer with the 2-Port feature. <during operation=""> Used for a variety of devices, including a bar-code reader.</during></during>			
CF (Card Interface	1 slot (CompactFlash™)			
Print	ter Interface	Compatible with NEC PC-PR201/PL , EPSON ESC/P24-J84(C), HP Laser Jet PCL 4 command, EPSON PM/Stylus (6-color ink), EPSON Stylus (4-color ink) compatible printers*6			
AUX	(Input/Output *7	Remote Reset Input:1 point Input Voltage: D024V+J-10%, Input Current: 4mA (TYP), Min. Input Pulse Width:2ms Operating Voltage: (When ON) Min. DC21.2V, (When OFF) Max. DC3V Isolation Method: Photocoupler Isolation Output -3 Points: RUN Output -1 point, System Alarm Output -1 point, External Buzzer Output -1 point Rated Voltage: DC24V, Rated Current: 50mA/point Wire Gauge: AWG28 to AWG16			

use the blinking feature, select '64 colors'
use the blinking feature, select '64 colors'
2 The fort size varies depending on selected language and enlargement ratio.
3 Ohy available when using '112 Bye Character' settings via software. (Ohly Japanese, Chinese, Taiwanese, and Korean characters)
4. Ohy available when be battery's ambient person to the selection of the selection

GENERAL SPECIFICATIONS

Мо	del	GP2600-TC11	GP2600-TC41-24V	GP2601-TC11				
F	Rated Voltage	AC100V to AC240V	DC24V	AC100V to AC240V				
F	Rated Voltage Range	AC85V to AC265V	DC19.2V to DC28.8V	AC85V to AC265V				
ectrical □	Power Consumption	50VA or less (ACIN100V) 85VA or less (ACIN240V)	50W or less	50VA or less (ACIN100V) 85VA or less (ACIN240V)				
Ž A	Allowable Voltage Drop	20ms or less	10ms or less	20ms or less				
	/oltage Endurance	AC1500V 20mA for 1 minute (between charging and FG terminals)	AC1000V 20mA for 1 minute (between charging and FG terminals)	AC1500V 20mA for 1 minute (between charging and FG terminals)				
li	nsulation Resistance	10MΩ or higher at DC500V (between charging and FG terminals)						
C	Operating Temperature		0°C to	+50°C*1				
S	Storage Temperature	-20°C to +60°C						
_ F	lumidity	10%RH to 90%RH (Non-condensing, wet bulb temperature:39°C or less)						
2 2	Storage Humidity	10%RH to 90%RH (Non-condensing, wet bulb temperature:39°C or less)						
È۱	/ibration Resistance	IEC61131-2 (JIS B 3502) compliant When vibration is NOT continuous: 10Hz to 57Hz 0.075mm, 57Hz to 150Hz 9.8m/s² 10Hz to 57Hz 0.035mm, 57Hz to 150Hz 4.9m/s² X, Y, Z directions for 10 times (80min.)						
VIIO	Voise Immunity via noise simulator)	Noise Voltage: 1500Vp-p Pulse Duration:1 µs Arise Time: 1ns	Noise Voltage: 1000Vp-p Pulse Duration: 1 µs Arise Time: 1ns	Noise Voltage: 1500Vp-p Pulse Duration:1 μs Arise Time: 1ns				
ם ת	Corrosive Gasses	Free of corrosive gasses						
Е	lectrostatic Discharge Immunity							
C	Certifications	EN55011 Class A, EN61000-3-2, EN61000-3-3, EN61000-6-2, EN60950, UL60950, UL1604	EN55011 Class A, EN61000-6-2, UL508, UL1604	EN55011 Class A, EN61000-3-2, EN61000-3-3, EN61000-6-2, EN60950, UL60950, UL1604				
G	Grounding	100Ω or less, or your country's applicable standard*2						
la H	Ratings For front panel of installed unit)	Equivalent to IP65f (JEM 1030)*3 / NEMA#250 TYPE4 X/12						
5 0	Cooling Method	Natural air circulation						
3 7	Veight		3.5kg (7.	7lb) or less				
N E	xternal Dimensions		W317mm [12.48in.] x H243m	nm [9.57in.] x D58mm [2.28in.]				
P	Panel Cutout Dimensions	301.5+	mm [11.87+8 [™] in.] x 227.5 ⁺ 8mm [8.96+8 [™] in.]	Panel thickness: 1.6mm [0.06in.] to 10mm [0.40in.])				

5 GP2600 Series / GP2601 Series GP2600 Series / GP2601 Series 6

GP 2500/2501 series

Ethernet Model



GP-2500T

Mitsubishi PLC FX-Series Program Port I/F Cable



GP-2500S



GP-2500L

Cost-efficient Model





GP-2501T

GP-2501L

FUNCTIONAL SPECIFICATIONS

GENERAL SPECIFICATIONS

Мо	odel	GP2500-TC11 GP2500-TC41-24V	GP2500-SC41-24V	GP2500-LG41-24V		
Displ	lay Type	TFT Color LCD	STN Color LCD	Monochrome LCD		
Displ	lay Colors	256 colors *1	64 colors	Black and White or 8 Levels of Gray		
Back	ilight	User replaceable 50,000 hrs. at 25°C	CCFL (Service life: and 24hr. operation)	CCFL (Service life: 50,000 hrs. at 25°C and 24hr. Operation)		
Displ	lay Resolution		640 x 480 pixels			
Effec	ctive Display Area	W211.2n	nm [8.34in.] x H158.4mm	[6.24in.]		
Brigh	ntness Control	4 levels of	adjustment available via t	ouch panel		
Cont	rast Adjustment		8 levels of adjustment a	vailable via touch panel		
Lang	juage Fonts	Chinese: (GB2312-80 d Japanese: ANK 158 Kar	50) Alphanumeric (including Eurodes) simplified Chinese font pij: 6962 (JIS Standards 1 and 92 codes) Hangul fonts traditional Chinese fonts	S		
	8 x 8 dots		80 Char. x 60 rows			
Text	8 x 16 dots		80 Char. x 30 rows			
Ĕ	16 x 16 dots		40 Char. x 30 rows			
	32 x 32 dots		20 Char. x 15 rows			
Char	acter Sizes*2	8 x 8 dot font, 8 x	16 dot font, 16 x 16 dot fo	nt, 32 x 32 dot font		
Font	Sizes	Width: 1~8 times exp	andable / Height: 1/2*3, 1	~8 times expandable		
Touc	h Panel Resolution	32 x 24	keys / screen - 1 or 2 poi	nt touch		
Oper	ration Status LED	Green : Norma	l Operation; Orange : Bad	klight Burn-out		
ion	Application	4MB FEPROM	(Approx. 1280 screens at	3.2KB/screen)		
Memory	Data Backup	256KB SRAM — uses a lithium battery*4				
Seria (CON	Interface M1)	Asynchronous Transmission : RS-232C/RS-422 Data Length: 7 or 8 bits Stop Bit: 1 or 2 bits Parity: None, Odd or Even Data Transmission Speed: 2,400bps to 115,2kbps (MPI: 187.5kbps)*5				
Expa (COI	nsion Serial Interface M2)	Asynchronous Transmission: RS-232C, Data Length: 7 or 8 bits Stop Bit: 1 or 2 bits Parity: None, Odd or Even, Data Transmission Speed: 2,400 bps to 38.4kbps				
	nsion Unit Interface 1	1ch, for Optional Communication Unit Connection				
	ansion Unit Interface 2	1ch, for Optional Video-mix Unit Connection		_		
Ethe	rnet Interface	IEEE802.3, 10BASE-T				
Tool	Connector Interface	Asynchronous TTL level nonprocedural command I/F - During screen file development> Used for transferring data to and from the GP application software and the GP. Used for data transfer with the 2-Port feature During Operation> Used for a variety of devices, including a bar-code reader.				
CF C	Card Interface		1 slot (CompactFlash™)			
CF C	ard Expansion Interface	CF Card	Front Maintenance Unit C	Connector		
Print	er Interface	Compatible with NEC PC-PR201/PL , EPSON ESC/P24-J84(C), HP Laser Jet PCL 4 command, EPSON PM/Stylus (6-color ink), EPSON Stylus (4-color ink) compatible printers *6				
AUX	Input/Output	Remote Reset Input: 1 point Input Output: 1 point Output: 0 point Output: 0 point Output: 0 point Output: 0 points:				
Sour	nd Output	Monaural 1CH Speaker Output: 70	ection (Terminal Block) mW (Rated Load: 8W, Fre put: 2.7Vp-p (Rated Load	equency: 1kHz) : 10kW)		

	del	GP2501-TC11	GP2501-SC11	GP2501-LG41-24V		
Displ	ау Туре	TFT Color LCD	STN Color LCD	Monochrome LCD		
Display Colors		256 colors *1	64 colors	Black and White or 8 Levels of Gray		
Back	light	User replaceable (50,000 hrs. at 25°C	CCFL (Service life: and 24hr. operation)	CCFL (Service life: 50,000 hrs at 25°C and 24hr. Operation)		
Displ	ay Resolution		640 x 480 pixels			
Effec	tive Display Area		nm [8.34in.] x H158.4mm			
Brigh	tness Control	4 levels of a	adjustment available via t	ouch panel		
	rast Adjustment			available via touch panel		
Lang	uage Fonts	Chinese: (GB2312-80 c Japanese: ANK 158, Kan Korean: (KSC5601-199	Alphanumeric (including Eurodes) simplified Chinese fontigi: 6962 (JIS Standards 1 and 2 codes) Hangul fonts traditional Chinese fonts	S		
	8 x 8 dots		80 Char. x 60 rows			
Text	8 x 16 dots	80 Char. x 30 rows				
Ę.	16 x 16 dots		40 Char. x 30 rows			
	32 x 32 dots	20 Char. x 15 rows				
Char	acter Sizes*2		6 dot font, 16 x 16 dot fo			
	Sizes	Width: 1~8 times expandable / Height: 1/2*3, 1~8 times expandable				
	h Panel Resolution	32 x 24 keys / screen - 1 or 2 point selectable				
-	ation Status LED	Green: Normal Operation; Orange: Backlight Burn-out				
Memory	Application	2MB FEPROM (Approx. 640 screens at 3.2KB/screen)				
	Data Backup	128KB SRAM — uses a lithium battery*4 Asynchronous Transmission : RS-232C/RS-422				
Seria (CON	al Interface M1)	Asynchronous Iransmission: R5-232C/HS-422 Data Length: 7 or 8 bits Stop Bit: 1 or 2 bits Parity: None, Odd or Even Data Transmission Speed: 2,400bps to 115.2kbps (MPI: 187.5kbps)*5				
	Connector Interface	Asynchronous TTL level nonprocedural command I/F -During screen file developments Used for transferring data to and from the GP application software and the GP. Used for data transfer with the 2-Port feature. -During Operations Used for a variety of devices, including a bar-code reader.				
CF C	ard Expansion Interface	1 slot (CompactFlash™)				
	er Interface	Compatible with NEC PC-PR201/PL , EPSON ESC/P24-J84(C), HP Laser Jet PCL 4 command, EPSON PM/Stylus (6-color ink), EPSON Stylus (4-color ink) compatible printers*6				
AUX	Input/Output *7	Operating Voltage: (W Isolation Method: Pho Output -3 Points: RUN O	10%, Input Current: 4mA (TYP /hen ON) Min. DC21.2V, (' tocoupler Isolation utput -1 point, System Alar al Buzzer Output -1 point int	When OFF) Max. DC3V		

=	/ Using the ACA input/Culput or requires the separatery soid screw Lock Terminal block.									
M	odel	GP2500-TC11	GP2500-TC41-24V	GP2500-SC41-24V	GP2500-LG41-24V	GP2501-TC11	GP2501-SC11	GP2501-LG41-24\		
	Rated Voltage	AC100V to AC240V		DC24V		AC100V to AC240V		DC24V		
Electrical	Rated Voltage Range	AC85V to AC265V		DC19.2V to DC28.8V		AC85V to	AC265V	DC19.2V to DC28.8V		
	Power Consumption	50VA or less (ACIN100V) 85VA or less (ACIN240V)		50W or less		50VA or less 85VA or less	(ACIN100V) (ACIN240V)	50W or less		
	Allowable Voltage Drop	20ms or less		10ms or less			or less	10ms or less		
	Voltage Endurance	AC1500V 20mA for 1 minute (between charging and FG terminals)		AC1000V 20mA for 1 minu between charging and FG termina		AC1500V 20n (between charging	nA for 1 minute g and FG terminals)	AC1000V 20mA for 1 minute (between charging and FG terminal		
	Insulation Resistance	$10M\Omega$ or higher at DC500V (between charging and FG terminals)								
	Operating Temperature				0°C to +50°C*1					
	Storage Temperature	-20°C to +60°C								
_	Humidity	10%RH to 90%RH (Non-condensing, wet bulb temperature:39°C or less)								
nte	Storage Humidity	10%RH to 90%RH (Non-condensing, wet bulb temperature:39°C or less)								
nme	Vibration Resistance	` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `		vibration is NOT continuou vibration is continuous:	us: 10Hz to 57Hz 0.075m 10Hz to 57Hz 0.035m	0Hz to 57Hz 0.075mm, 57Hz to 150Hz 9.8m/s ² 0Hz to 57Hz 0.035mm, 57Hz to 150Hz 4.9m/s ² X, Y, Z directions for 10 times (80min.)				
viro	Noise Immunity (via noise simulator)	Noise Voltage: 1500Vp-p Pulse Duration: 1 µs Arise Time: 1ns	Pulse	Noise Voltage: 1000Vp-p Duration: 1 µs Arise Tin	ne: 1ns	Noise Voltag Pulse Duration: 1 p	ge: 1500Vp-p is Arise Time: 1ns	Noise Voltage: 1000Vp-p Pulse Duration: 1 µs Arise Time: 1		
Ē	Corrosive Gasses	Free of corrosive gasses								
	Electrostatic Discharge Immunity									
	Certifications	EN55011 Class A, EN61000-3-2, EN61000-3-3, EN61000-6-2, EN60950, UL60950, UL1604	EN55011 (Class A, EN61000-6-2, ULS	508, UL1604		1000-3-2, EN61000-3-3, 950, UL60950, UL1604	EN55011 Class A, EN61000-6-2, UL508, UL160		
	Grounding	100Ω or less, or your country's applicable standard*2								
ıral	Ratings (For front panel of installed unit)			Equivalent to I	50 TYPE4 X/12					
	Cooling Method	Natural air circulation								
tr	Weight	3.5kg (7.7lb) or less								
S	External Dimensions				8in.] x H243mm [9.57in.] x D					
	Panel Cutout Dimensions		301.5+amr	n [11.87+8⊶in.] x 227.5+₄mr	n [8.96+8™ in.] (Panel thickne	ss: 1.6mm [0.06in.] to 10m	nm [0.40in.])			

SYSTEM DESIGN GP-PRO/PBIII C-Package GPPRO-CNT01W-P**	INTERFACES
1 Ethernet Interface GP-Web GW-CJ01-V** Pro-Server with Pro-Studio PSW-ED01-V** GP-Viewer	GP2500 Series Only. GP2500 and GP2501 Series can be used.
Bus Conversion Unit PSL-CONV00 Bus Conversion Unit Communication Unit PSL-CONV00 Bus Conversion Unit Communication Unit The color of each frame indicates the connectability of the unit. See page 24 for information on connectable interface units. The color of each frame indicates the connectability of the unit.	4 1 10
Video-Mix Unit GP2000-VM41 Printer Interface Printer Cable PSM-PRCB00 AUX Interface AUX Connector Reset Switch Warning Light	8 9 5 7
6 Expansion Serial Interface (COM2) 7 Tool Connector (Run time) Bar-Code Reader 2-Dimensional-Code Reader Bar-Code Reader GP-PRO/PBIII C-Package GPPRO-CNT01W-P** Mitsubishi GPP Software When using the Internal 2-Port Feature	EXTERNAL DIMENSIONS Unit: mm [in.] 301 [11.85]
GP-2500 GP-2501 Series CA3-CFCALL/64MB-01 CA3-CFCALL/256MB-01 CA3-CFCALL/256MB-01 CA3-CFCALL/256MB-01 CA3-CFCALL/512MB-01 9 Sound Interface Speaker	227 8.94]
RS-232C Cable GP410-IS00-O RS-422 Cable GP230-IS11-O GP230-IS12-O (for Multi-link cable) RS-422 Connector Terminal Adapter GP070-CN10-O	4-R3 [0.12] or less Panel Cutout
2 Port Adapter II Cable GP070-MDCB11 Mitsubishi PLC A, QnA, FX Series 2 Port Adapter II GP070-MD11 Mitsubishi PLC A-Series Program Port I/F Cable GP430-IP10-O	

7 GP2500 Series / GP2501 Series GP2500 Series / GP2501 Series 8

GP 2400/2401 Series

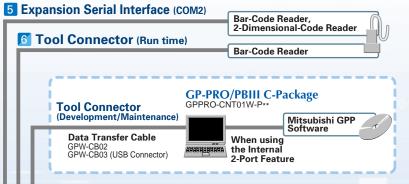
Ethernet Model



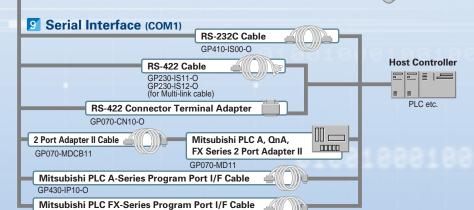
GP-2400T

SYSTEM DESIGN INTERFACES GP-PRO/PBIII C-Package
GPPRO-CNT01W-P** GP2400 Series Only. 1 Ethernet Interface GW-CJ01-V* GP2400 and GP2401 Series Pro-Server with Pro-Studio
PSW-ED01-V** can be used. **GP-Viewer Expansion Unit Interface** * See page 24 for information on connectable interface units. The color of each frame Bus Conversion Unit Communication Unit PSM-CONV00 indicates the connectability of Communication Unit the unit. 3 Printer Interface Printer Cable = **AUX Interface** AUX Connector Reset Switch

Warning Light







7 CF Card

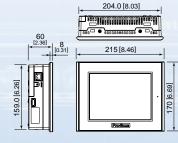
GP2400

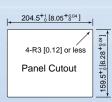
GP2401

Series



Unit: mm [in.]





Cost-efficient Model



GP-2401T

FUNCTIONAL SPECIFICATIONS

Mo	odel	GP2400-TC41-24V				
Disp	lay Type	TFT Color LCD				
Disp	lay Colors	256 colors *1				
Backlight		User replaceable CCFL (Service life: 50,000 hrs. at 25°C and 24hr. operation)				
Display Resolution		640 x 480 pixels				
	ctive Display Area	W149.8mm [5.90in.] x H112.3mm [4.42in.]				
	htness Control	4 levels of adjustment available via touch panel				
Lanç	guage Fonts	ASCII: (Code page 850) Alphanumeric (including European characters) Chinese: (GB2312-80 codes) simplified Chinese fonts Japanese: ANK 158, Kanji: 6962 (JIS Standards 1 and 2) Korean: (KSC5601-1992 codes) Hangul fonts Talwanese: (Big 5 codes) traditional Chinese fonts				
	8 x 8 dots	80 Char. x 60 rows				
Text	8 x 16 dots	80 Char. x 30 rows				
<u>ٿ</u>	16 x 16 dots	40 Char. x 30 rows				
	32 x 32 dots	20 Char. x 15 rows				
Chai	racter Sizes*2	8 x 8 dot font, 8 x 16 dot font, 16 x 16 dot font, 32 x 32 dot font				
Font	Sizes	Width: 1~8 times expandable / Height: 1/2*3, 1~8 times expandable				
	ch Panel Resolution	32 x 24 keys / screen - 1 or 2 point touch				
Ope	ration Status LED	Green : Normal Operation; Orange : Backlight Burn-out				
Memory	Application	4MB FEPROM (Approx. 1280 screens at 3.2KB/screen)				
Se .	Data Backup	256KB SRAM — uses a lithium battery*4				
Seria (COI	al Interface M1)	Asynchronous Transmission : RS-232C/RS-422 Data Length: 7 or 8 bits Stop Bit: 1 or 2 bits Parity: None, Odd or Even Data Transmission Speed: 2,400bps to 115.2kbps (MPI: 187.5kbps)*5				
Expa (COI	ansion Serial Interface M2)	Asynchronous Transmission : RS-232C Data Length : 7 or 8 bits Stop Bit : 1 or 2 bits Parity : None, Odd or Even Data Transmission Speed : 2,400 bps to 38.4kbps				
Ethe	rnet Interface	IEEE802.3, 10BASE-T				
Tool	Connector Interface	Asynchronous TTL level nonprocedural command I/F <pre><during developments<="" file="" pre="" screen=""> Used for transferring data to and from the GP application software and the GP Used for data transfer with the 2-Port feature. <pre><during operations<="" pre=""> Used for a variety of devices, including a bar-code reader.</during></pre></during></pre>				
CF (Card Interface	1 slot (CompactFlash™)				
Print	ter Interface	Compatible with NEC PC-PR201/PL, EPSON ESC/P24-J84(C), HP Laser Jet PCL 4 command, EPSON PM/Stylus (6-color ink), EPSON Stylus (4-color ink) compatible printers*6				
AUX Input/Output		Remote Reset Input:1 point Input Voltage: DC24V+-10%, Input Current: 4mA (TYP), Min. Input Pulse Width:2ms Operating Voltage: (When ON) Min. DC21.2V, (When OFF) Max. DC3V Isolation Method: Photocoupler Isolation Output:3 Points: RUN Output:1 point, System Alarm Output:1 point, External Buzzer Output:1 point Rated Voltage: DC24V Rated Current: 50mApoint Wire Gauge: AWG28 to AWG16				
Sour	nd Output	External Speaker Connection (Terminal Block) Monaural 1CH Speaker Output: 70mW (Rated Load: 8W, Frequency: 1kHz) Sound Line Out Output: 2.7Vp-p (Rated Load: 10kW)				

		GP2401-TC41-24V		
Disp	lay Type	TFT Color LCD		
Display Colors		256 colors *1		
Back		User replaceable CCFL (Service life: 50,000 hrs. at 25°C and 24hr. operation)		
	lay Resolution	640 x 480 pixels		
	ctive Display Area	W149.8mm [5.90in.] x H112.3mm [4.42in.]		
	ntness Control	4 levels of adjustment available via touch panel		
Lang	juage Fonts	ASCII: (Code page 850) Alphanumeric (including European character: Chinese: (GB2312-86 codes) simplified Chinese (nots Japanese: ANK 158, Kanji; 6962 (JIS Standards 1 and 2) Korean: (KSC5601-1992 codes) Hangul fonts Taiwanese: (Big 5 codes) traditional Chinese fonts		
	8 x 8 dots	80 Char. x 60 rows		
×	8 x 16 dots	80 Char. x 30 rows		
Text	16 x 16 dots	40 Char. x 30 rows		
	32 x 32 dots	20 Char. x 15 rows		
Char	acter Sizes*2	8 x 8 dot font, 8 x 16 dot font, 16 x 16 dot font, 32 x 32 dot font		
	Sizes	Width: 1~8 times expandable / Height: 1/2*3, 1~8 times expandable		
	ch Panel Resolution	32 x 24 keys / screen - 1 or 2 point selectable		
- 1	ration Status LED	Green: Normal Operation; Orange: Backlight Burn-out		
nony	Application	2MB FEPROM (Approx. 640 screens at 3.2KB/screen)		
Mem	Data Backup	128KB SRAM — uses a lithium battery*4		
Seria (COI	al Interface M1)	Asynchronous Transmission : RS-232C/RS-422 Data Length: 7 or 8 bits Stop Bit: 1 or 2 bits Parity: None, Odd or Even Data Transmission Speed: 2,400bps to 115.2kbps (MPI: 187.5kbps)*5		
Tool	Connector Interface	Asynchronous TTL level nonprocedural command I/F <during 2-port="" <during="" a="" and="" application="" bar-code="" data="" developments="" devices,="" feature.="" file="" for="" from="" gp="" including="" of="" operations="" reader.<="" screen="" software="" td="" the="" to="" transfer="" transferring="" used="" variety="" with=""></during>		
CF C	Card Interface	1 slot (CompactFlash™)		
Print	er Interface	Compatible with NEC PC-PR201/PL, EPSON ESC/P24-J84(C), HP Lase Jet PCL 4 command, EPSON PM/Stylus (6-color ink), EPSON Stylus (4-color ink) compatible printers*6		
AUX	Input/Output *7	Remote Reset Input:1 point Input Voltage: DC24V+/-10%, Input Current: 4mA (TYP), Min. Input Pulse Width:2ms Operating Voltage: (When ON) Min. DC21.2V, (When OFF) Max. DC3V Isolation Method: Photocoupler Isolation Output -3 Points: RUN Output -1 point, System Alarm Output -1 point, External Buzzer Output -1 point Rated Voltage: DC24V Rated Current: 50mA/point Wire Gauge: AWG28 to AWG16		

*1 Changing the Colors setting to "256 colors" will disable the blinking feature on all screens in your project. If you wish to use the blinking feature, select '64 colors'.

2 The flont size varies depending on selected language and enlargement ratio.

3 Only available when using "1/2 2 Byte Character' settings via software. (Only Japanese, Chinese, Taiwanese, and Korean characters)

4 A Lithium battery's latteries is a shient temperature is 40°C or less.

• 1.9 years when the battery's ambient temperature is 50°C or less.

• 1.5 years when the battery's ambient temperature is 50°C or less.

When used for back up:

• Approximately 60 days, with a fully charged battery.

• Approximately 6 days, with a half-charged battery.

5 SIEMENS SIMATIC 57-200/300/400 series (MPI port only).

Please contact your Pro-face sales representative for supported models and other details.

6 Printers with only Windows drivers cannot be used. However, certain types of printers with both Windows and DOS drivers can be used. For details, contact your local GP distributor.

7 Using the AUX Input/Output UF requires the separately sold Screw Lock Terminal Block.

GENERAL SPECIFICATIONS

Model	GP2400-TC41-24V		GP2401-TC41-24V					
Rated Voltage			DC24V					
Rated Voltage Range	DC19.2V to DC28.8V							
Power Consumption	28W or less							
Allowable Voltage Drop			10ms or less					
Voltage Endurance		AC1000V 20mA for 1 n	inute (between charging and FG terminals)					
Insulation Resistance	10MΩ or higher at DC500V (between charging and FG terminals)							
Operating Temperature		-	0°C to +50°C					
Storage Temperature	-20°C to +60°C							
_ Humidity	10%RH to 90%RH (Non-condensing, wet bulb temperature:39°C or less)							
Storage Humidity	10%RH to 90%RH (Non-condensing, wet bulb temperature:39°C or less)							
Vibration Resistance	IEC61131-2 (JIS B 3502) compliant W	nen vibration is NOT continuous: nen vibration is continuous:	10Hz to 57Hz 0.075mm, 57Hz to 150Hz 9.8m/s ² 10Hz to 57Hz 0.035mm, 57Hz to 150Hz 4.9m/s ² X, Y, Z directions for	10 times (80min.)				
Noise Immunity (via noise simulator)		Noise Voltage: 1000V	-p Pulse Duration: 1 μs Arise Time: 1ns					
ப் Corrosive Gasses	Free of corrosive gasses							
Electrostatic Discharge Immunity	6kV (complies with EN 61000-4-2 Level 3)							
Certifications	EN55011 Class A, EN61000-6-2, UL508, UL1604							
Grounding		100Ω or less, or	your country's applicable standard*1					
Ratings (For front panel of installed unit)	Equivalent to IP65f (JEM 1030)*2 / NEMA#250 TYPE4 X/12							
Cooling Method	Natural air circulation							
₽ Weight			1.7kg (5.5lb) or less					
External Dimensions		W215mm [8.46in.]	x H170mm [6.69in.] x D60mm [2.36in.]					
Panel Cutout Dimensions	204.5 +	mm [8.05 +804 in.] x 159.5+1 mm [6	28 +804 in.] (Panel thickness: 1.6mm [0.06in.] to 10mm [0.40in.])					

9 GP2400 Series / GP2401 Series GP2400 Series / GP2401 Series 10

GP2300/2301 series

Ethernet Model

SYSTEM DESIGN

1 Ethernet Interface







GP-2300T

GP-2300S

GP-PRO/PBIII C-Package
GPPRO-CNT01W-P**

Pro-Server with Pro-Studio
PSW-ED01-V**

GP-Web GW-CJ01-V**

GP-2300L

INTERFACES

GP2300 Series Only.

can be used.

GP2300 and GP2301 Series

Cost-efficient Model







GP-2301T

GP-2301S

GP-2301L

FUNCTIONAL SPECIFICATIONS

Мс	odel	GP2300-TC41-24V	GP2300-SC41-24V	GP2300-LG41-24V		
Disp	lay Type	TFT Color LCD	STN Color LCD	Monochrome LCD		
Disp	lay Colors	256 colors *1	64 colors	Black and White or 8 Levels of Gray		
Back	dight	CCFL (Service life: 50,000 hrs. at 25 °C and 24hr. operation)	(Service life	eable CCFL : 50,000 hrs. !4hr. operation)		
Disp	lay Resolution		320 x 240 pixels	<u> </u>		
Effec	ctive Display Area	W115.2r	nm [4.54in.] x H86.4mm [[3.40in.]		
Brigh	ntness Control	4 levels of a	adjustment available via t			
Cont	rast Adjustment		8 levels of adjustment a	vailable via touch panel		
Language Fonts		ASCII: (Code page 850) Alphanumeric (including European characters) Chinese: (GB2312-80 codes) simplified Chinese fonts Japanese: ANK 158, Kanji: 6962 (JIS Standards 1 and 2) Korean: (KSC5601-1992 codes) Hangul fonts Taiwanese: (Big 5 codes) traditional Chinese fonts				
	8 x 8 dots	40 Char. x 30 rows				
×	8 x 16 dots	40 Char. x 15 rows				
Text	16 x 16 dots	20 Char. x 15 rows				
	32 x 32 dots	10 Char. x 7 rows				
	racter Sizes*2	8 x 8 dot font, 8 x 16 dot font, 16 x 16 dot font, 32 x 32 dot font				
	Sizes	Width: 1~8 times expandable / Height: 1/2 ^{⋆3} , 1~8 times expandable				
	h Panel Resolution	16 x 12 keys / screen - 1 or 2 point touch selectable				
	ration Status LED	Green: Normal Operation; Orange: Backlight Burn-out 2MB FEPROM (Approx. 640 screens at 3.2KB/screen)				
mon	Application					
	Data Backup	256KB SRAM — uses a rechargeable lithium battery*4				
(COI		Asynchronous Transmission: RS-232C/RS-422 Data Length: 7 or 8 bits Stop Bit: 1 or 2 bits Parity: None, Odd or Even Data Transmission Speed: 2,400bps to 115.2kbps (MPI: 187.5kbps)*5 Asynchronous Transmission: RS-232C Data Length: 7 or 8 bits Stop Bit: 1 or 2 bits Parity: None, Odd or Even Data Transmission Speed: 2,400 bps to 38.4kbps				
Expa (COI	ansion Serial Interface M2)					
Ethe	rnet Interface		IEEE802.3, 10BASE-T			
Tool Connector Interface		 During screen file d Used for transferring d Used for data transfer During Operation> 	el nonprocedural comman evelopment> lata to and from the GP applie with the 2-Port feature. of devices, including a b.	cation software and the GP.		
CF C	Card Interface		1 slot (CompactFlash™)			
Print	er Interface	Jet PCL 4 command,	PC-PR201/PL , EPSON ES EPSON PM/Stylus (6-co r ink) compatible printer	lor ink),		

		GP2301-TC41-24V	GP2301-SC41-24V	GP2301-LG41-24V		
Disp	lay Type	TFT Color LCD	STN Color LCD	Monochrome LCD		
Display Colors		256 colors *1	64 colors	Black and White or 8 Levels of Gray		
Back	klight	CCFL User replaceable CCFL (Service life: 50,000 hrs. at 25 °C and 24hr. operation) at 25 °C and 24hr. operation)				
Disp	lay Resolution		320 x 240 pixels			
Effec	ctive Display Area	W115.2r	nm [4.54in.] x H86.4mm	[3.40in.]		
Brigh	ntness Control	4 levels of a	adjustment available via t	ouch panel		
Cont	trast Adjustment	_	8 levels of adjustment a	vailable via touch pane		
Language Fonts		ASCII: (Code page 850) Alphanumeric (including European characters); Chinese: (GB2312-80 codes) simplified Chinese fonts Japanese: ANK 158, Kanji; 6962 (JIS Standards 1 and 2) Korean: (KSC5601-1992 codes) Hangul fonts Taiwanese: (Big 5 codes) traditional Chinese fonts				
	8 x 8 dots	40 Char. x 30 rows				
¥	8 x 16 dots	40 Char. x 15 rows				
Text	16 x 16 dots	20 Char. x 15 rows				
	32 x 32 dots	10 Char. x 7 rows				
Cha	racter Sizes*2	8 x 8 dot font, 8 x 16 dot font, 16 x 16 dot font, 32 x 32 dot font				
Font	Sizes	Width: 1~8 times expandable / Height: 1/2*3, 1~8 times expandable				
	ch Panel Resolution	16 x 12 keys / screen - 1 or 2 point touch selectable				
	ration Status LED	Green: Normal Operation; Orange: Backlight Burn-out				
Memory	Application	1MB FEPROM (Approx. 320 screens at 3.2KB/screen)				
₩.	Data Backup	128KB SRAM — uses a rechargeable lithium battery*4				
Seria (COI	al Interface M1)	Asynchronous Transmission: RS-232C/RS-422 Data Length: 7 or 8 bits Stop Bit: 1 or 2 bits Parity: None, Odd or Even Data Transmission Speed: 2,400bps to 115.2kbps (MPI: 187.5kbps)*5				
Tool Connector Interface		Asynchronous TTL level nonprocedural command I/F - Quring screen file development> - Used for transferring data to and from the GP application software and the GF Used for data transfer with the 2-Port feature. - Quring Operation> - Used for a variety of devices, including a bar-code reader. 				
		1 slot (CompactFlash™)				

*1 Changing the Colors setting to "256 colors" will disable the blinking feature on all screens in your project. If you wish to use the blinking feature, select '64 colors'.

*2 The forth size varies depending on selected language and enlargement ratio.

*3 Only available when using '1/2 2 by Character' settings via software. (Only Japanese, Chinese, Taiwanese, and Korean characte '4.1 years when the battery's ambient temperature is 50°C or less.

*4.1 years when the battery's ambient temperature is 50°C or less.

*5.1 years when the battery's ambient temperature is 50°C or less.

*4.1 years when the battery's ambient temperature is 50°C or less.

*5.1 years when the battery's ambient temperature is 50°C or less.

*5.1 years when the battery's ambient temperature is 50°C or less.

*5.1 years when the battery's ambient temperature is 50°C or less.

*5.1 years when the battery's ambient temperature is 50°C or less.

*5.1 years when the battery's ambient temperature is 50°C or less.

*5.1 years when the battery's ambient temperature is 50°C or less.

*5.1 years when the battery's ambient temperature is 50°C or less.

*5.2 years when the battery's ambient temperature is 50°C or less.

*5.3 years when the battery's ambient temperature is 50°C or less.

*5.4 years when the battery's ambient temperature is 50°C or less.

*5.5 years when the battery's ambient temperature is 50°C or less.

*5.6 years when the battery's ambient temperature is 50°C or less.

*5.6 years when the battery's ambient temperature is 50°C or less.

*5.7 years when the battery's ambient temperature is 50°C or less.

*5.8 years when the battery's ambient temperature is 50°C or less.

*5.8 years when the battery's ambient temperature is 50°C or less.

*5.8 years when the battery's ambient temperature is 50°C or less.

*5.8 years when the battery's ambient temperature is 50°C or less.

*5.8 years when the battery's ambient temperature is 50°C or less.

*5.8 years when the battery's ambient temperature is 50°C or less.

*5.8 years when the battery's

GENERAL SPECIFICATIONS

N	Model	GP2300-TC41-24 V	GP2300-SC41-24V	GP2300-LG41-24V	GP2301-TC41-24 V	GP2301-SC41-24V	GP2301-LG41-24V		
	Rated Voltage	DC24V							
	Rated Voltage Range	DC19.2V to DC28.8V							
ā	Power Consumption	22W or less							
Electrical	Allowable Voltage Drop	10ms or less							
ŭ		AC1000V 20mA for 1 minute (between charging and FG terminals)							
	Insulation Resistance	$20 M \Omega$ or higher at DC500V (between charging and FG terminals)							
	Operating Temperature	0°C to +50°C*1							
	Storage Temperature		-20°C to +60°C						
_	Humidity	10%RH to 90%RH (Non-condensing, wet bulb temperature:39°C or less)							
nta	Storage Humidity	10%RH to 90%RH (Non-condensing, wet bulb temperature:39°C or less)							
nemu	Vibration Resistance	IEC61131-2 (JIS B 3502) compliant When vibration is NOT continuous: 10Hz to 57Hz to 150Hz 9.8m/s² 10Hz to 57Hz to 150Hz 4.9m/s² X, Y, Z directions for 10 times (80min.)							
nviron	Noise Immunity (via noise simulator)	Noise Voltage: 1000Vp-p Pulse Duration: 1 μs Arise Time: 1ns							
ш	Corrosive Gasses	Free of corrosive gasses							
	Electrostatic Discharge Immunity	6kV (complies with EN 61000-4-2 Level 3)							
	Certifications	EN55011 Class A, EN61000-6-2, UL60950, UL1604							
	Grounding	100Ω or less, or your country's applicable standard*2							
<u>_</u>	Ratings (For front panel of installed unit)				30)* ³ / NEMA#250 TYPE4 X/12	2			
Ę	Cooling Method			Natural ai	r circulation				
Structur	Weight				51b) or less				
š	External Dimensions		·		m[5.43in.] x D60mm[2.36in.]				
	Panel Cutout Dimensions		156+åmm [6.14+8	"in.] x 123.5+3mm [4.86+8"in	(Panel thickness: 1.6mm[0.06	in.] to 5mm[0.2in.])			

Printer Cable Pr		PC BESESSESSES	can be asea.
Bus Conversion Unit PSM-COW00 Communication Unit PSM-COW00 Communication Unit PSM-COW00 Communication Unit PSM-PCB00 A Expansion Serial Interface (COM2) Bar-Code Reader Printer Cable Printer PSM-PRCB00 Bar-Code Reader Poly-PRO-CMT01W-P- Data Transfer Cable GPPRO-CMT01W-P- Data Transfer Cable GPPC-CMT01W-P- Software When using the Internal 2-Port Feature Unit: mm [n.] Serial Interface (COM1) RS-232C Cable GPP30-SET-0 GP40-IS000-0 RS-222 Cable GP40-IS000-0 RS-22 Cable GP40-IS000-0 RS-222 Cable GP40-IS000-0 RS-232C Cable GP40-IS000-0 RS-23C Cable GP40-I		PSW-G\/01-\/**	
Printer Cable PSM-PRCB00 PSM-PRCB00 Bar-Code Reader 2-Dimensional-Code Reader 2-Dimensional-Code Reader Tool Connector (Run time) Bar-Code Reader GP-PRO/PBIII C-Package GPPRO-CNITOTW-Pro- Development/Maintenance GPPRO-CNITOTW-Pro- Mitsubishi GPP Software GPPRO-CNITOTW-Pro- GPOTO-CNITOTW-Pro- GPOTO		Sion Unit Interface Bus Conversion Unit PSM-CONV00 Communication Unit * See page 24 for information on connectable interface units. The color of each frame indicates the connectability of	7 2 4 3 1
Bar-Code Reader 2-Dimensional-Code Reader 5 6 Tool Connector (Run time) Bar-Code Reader 5 6 Tool Connector (Development/Maintenance) Data Transfer Cable (GPW-CB02) (GPW-	3 Print	Printer Cable (1997) Printer	
GP-PRO/PBIII C-Package GPPRO-CNTO1W-P (Development/Maintenance) Data Transfer Cable GPW-CB02 GPW-CB03 (USB Connector) GPW-CB03 (USB Connector) CA3-CFCALL/B6MB-01 CA3-CFCALL/B6MB-0	4 Exp	Bar-Code Reader,	
Data Transfer Cable GPW-CB03 (USB Connector) GPW-CB03 (USB Connector) CA3-CFCALL/268MB-01 CA3-CFCALL/256MB-01 CA3-CFCALL/256	5		
Data Transfer Cable GPW-CB03 (USB Connector) GPW-CB03 (USB Connector) CA3-CFCALL/268MB-01 CA3-CFCALL/256MB-01 CA3-CFCALL/256	Ш	,,	5 6
Data Transfer Cable GPW-CB03 (USB Connector) GPW-CB04 (USB Connector)	Ш		EXTERNAL
GP2300 GP2301 Series CA3-CFCALL/64MB-01 CA3-CFCALL/25MB-01 CA3-CFCALL/25MB-01 CA3-CFCALL/25MB-01 CA3-CFCALL/25MB-01 CA3-CFCALL/512MB-01 RS-232C Cable GP410-IS00-0 RS-422 Connector Terminal Adapter GP230-IS12-0 (for Multi-link cable) RS-422 Connector Terminal Adapter GP070-MD10-0 Mitsubishi PLC A-Series Program Port I/F Cable GP430-IP10-0 Mitsubishi PLC A-Series Program Port I/F Cable Mitsubishi PLC FX-Series Program Port I/F Cable		Data Transfer Cable GPW-CB02 GPW-CB03 (USB Connector) When using the Internal	DIMENSIONS
GP2301 Series CA3-CFCALL/26MB-01 CA3-CFCALL/256MB-01 CA3-CFCALL/2	GP2300	6 CF Card	60 [2.36] 8
RS-232C Cable GP410-IS00-O RS-422 Cable GP230-IS11-O (for Multi-link cable) RS-422 Connector Terminal Adapter GP070-CN10-O 2 Port Adapter II Cable GP070-MDCB11 Mitsubishi PLC A-Series Program Port I/F Cable GP430-IP10-O Mitsubishi PLC FX-Series Program Port I/F Cable		CA3-CFCALL/64MB-01 GP077-CFAD10 CA3-CFCALL/128MB-01 CA3-CFCALL/256MB-01	
RS-422 Cable GP230-IS12-O (for Multi-link cable) RS-422 Connector Terminal Adapter GP070-CN10-O 2 Port Adapter II Cable GP070-MDCB11 Mitsubishi PLC A, QnA, FX Series 2 Port Adapter II GP070-MD11 Mitsubishi PLC A-Series Program Port I/F Cable GP430-IP10-O Mitsubishi PLC FX-Series Program Port I/F Cable	Serial Ir	RS-232C Cable	
GP070-MDCB11 FX Series 2 Port Adapter II GP070-MD11 Mitsubishi PLC A-Series Program Port I/F Cable GP430-IP10-0 Mitsubishi PLC FX-Series Program Port I/F Cable		GP230-IS11-0 GP230-IS12-0 (for Multi-link cable)	
Mitsubishi PLC A-Series Program Port I/F Cable GP430-IP10-O Mitsubishi PLC FX-Series Program Port I/F Cable	2 Port Adapter I	PO70-CN10-O I Cable Mitsubishi PLC A, QnA,	Panel Cutout
Mitsubishi PLC FX-Series Program Port I/F Cable			
		LC FX-Series Program Port I/F Cable	
	GP2000-CBLFX	/ 1M-01	

GP2300 Series / GP2301 Series 12 11 GP2300 Series / GP2301 Series

After the temperature returns to normal, the display will be restored to normal. The GP's operation will not be affected even though the display is blurred.

2 Grounding requirements differ from country to country. Be sure to confirm your work environment requirements prior to installation. For more information, please contact your Pro-face distributor.

3 The degree of protection provided by these products is equivalent to IP65f, however their performance cannot be guaranteed for every environment. Be sure to confirm your work environment requirements prior to installation.

GP2000H Series



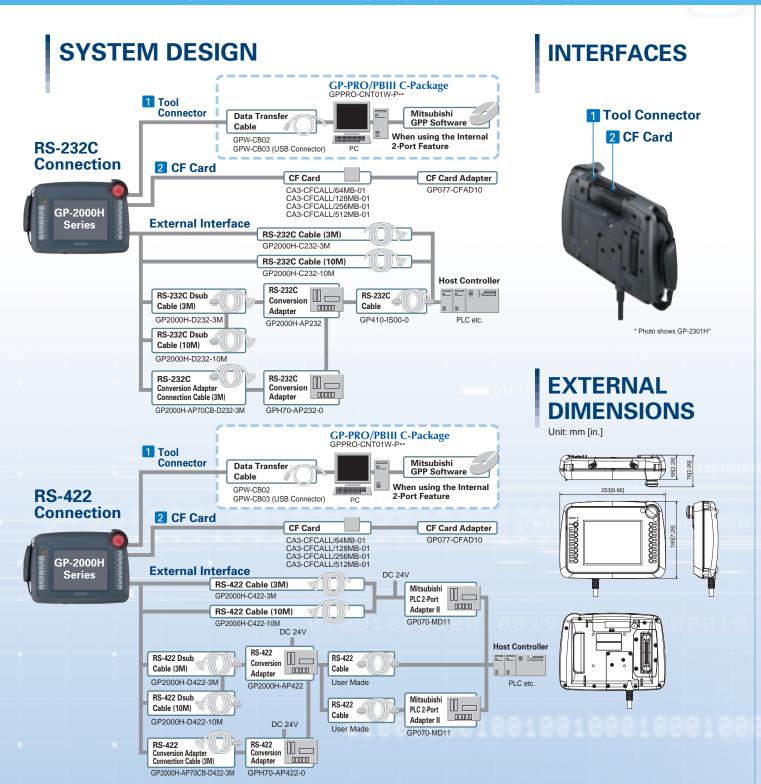




GP-2401HT

GP-2301HS

GP-2301HL



FUNCTIONAL SPECIFICATIONS

IVIC		GP2401H-TC41-24V	GP2301H-SC41-24V	GP2301H-LG41-24V			
Disp	lay Type	TFT Color LCD	STN Color LCD	Monochrome LCD			
Display Colors		256 colors *1 64 colors Black and White or 8 Levels of Gray					
	klight	CCFL (Se	ervice life: 50,000hrs, at 25°C and 24hr. op	peration)			
Disp	lay Resolution	640x 480 pixels	320 x 24	10 pixels			
Effe	ctive Display Area	W132.5mm [5.22in.] x H99.4mm [3.91in.]	W115.2mm [4.54in.]	x H86.4mm [3.40in.]			
Brigl	htness Control	4 le	evels of adjustment available via touch part	nel			
	trast Adjustment		8 levels of adjustment a	vailable via touch panel.			
Lang	guage Fonts	ASCII: (Code page 850) Alphanumeric (including European characters) Chinese: (GB2312-80 codes) simplified Chinese fonts Japanese: ANK 158, Kanji: 6962 (JIS Standards 1 and 2) Korean: (KSC5601-1992 codes) Hangul fonts Taiwanese: (Big 5 codes) traditional Chinese fonts					
	8 x 8 dots	80 Char. x 60 rows	40 Char.	x 30 rows			
ŧ	8 x 16 dots	80 Char. x 30 rows		x 15 rows			
Fext	16 x 16 dots	40 Char. x 30 rows		x 15 rows			
٠,	32 x 32 dots	20 Char. x 15 rows					
Cha	racter Sizes*2	8 x 8 dot font, 8 x 16 dot font, 16 x 16 dot font, 32 x 32 dot font					
Font	t Sizes	Width: 1~8 times expandable / Height: 1/2*3, 1~8 times expandable					
Touc	ch Panel Resolution	32 x 24 keys / 16 x 12 keys / screen - 1 or 2 point touch selectable					
	ration Status LED	Green : Normal Operation; Orange : Backlight Burn-out					
Memory	Application	2MB FEPROM (Approx. 640 screens at 3.2KB/screen)	1MB FEPROM (Approx. 320 screens at 3.2KB/screen)				
₩	Data Backup	128KB SRAM – uses a lithiuim battery*4					
Panel brane ritch	Function Switches	15 (DOUT Output: F1, F2)	11 (DOUT Output: F1, F2)				
Memory	Operation Switches	Function Switch (O.P Key) (DOUT Output)					
D	OUT Output		tor output Rated voltage: DC24V Rated				
	peration Output		ctor output Rated voltage: DC24V Rated				
В	uzzer Output		ctor output Rated voltage: DC24V Rated				
	mergency		30V Rated Current: 1A max. (Applicable				
	witch Output	Open Collector Output: 1 point Rated Voltage: DC 24V Rated Current: 300mA max.					
rfaces S	-Position Enable witch Output	2 Contacts (NO)*5 Rated Voltage: DC 24V Rated Current: 300mA max. (Applicable Load: 4mA DC 24V min.)					
e s	erial Interface COM1)	Asynchronous Transmission: RS-232C/RS-422 Data Length: 7 or 8 bits Stop Bit: 1 or 2 bits Parity: None, Odd or Even Data Transmission Speed: 2.400bps to 115.2kbps (MPI: 187.5kbps) ¹⁶					
lemal (Data transmission Speed: 2,40ubgs to 115,2kbps (kiPf: 187,5kbps)-0 Asynchronous TTL level nonprocedural command I/F «During screen file development» Used for transferring data to and from the GP application software and the GP. Used for data transfer with the 2-Port feature.					
External Ir	ool Connector sterface	<during development="" file="" screen=""> Used for transferring data to and fro</during>	om the GP application software and the G	SP.			

- *1 Changing the "Colors" setting to "256 color" will disable the blinking feature on all screens in your project. If you wish to use the blinking feature, select
- "64 colors".

 *2 The font size varies depending on selected language
- and enlargement ratio.

 3 Only available when using *1/2 2 Byte Character" settings via software. (Only Japanese, Chinese, Taiwanese, and Korean characters)
- "4 A Lithium battery's lifetime is :

 10 years when the battery's ambient temperature is 40°C
- or less.
 4.1 years when the battery's ambient temperature is 50°C
- 1.5 years when the battery's ambient temperature is 60°C

- or less.
 When used for backup:

 Approximately 60 days, with a fully charged battery.

 Approximately 6 days, with a half-charged battery.

 S When GP-H70 Compatibility mode is selected, 1
 Contact (NO).

 •6 SIEMENS SIMATIC 57-200/300/400 series (MPI port
- only). Please contact your Pro-face sales representative for supported models and other details

GENERAL SPECIFICATIONS

N	Model	GP2401H-TC41-24V	GP2301H-SC41-24V	GP2301H-LG41-24V					
	Rated Voltage		DC24V						
_	Rated Voltage Range	DC19.2V to DC28.8V							
rical	Power Consumption	15W max.							
le ct	Allowable Voltage Drop	10ms max.							
	Voltage Endurance	AC 500V 20mA for 1 minute (between charging and FG terminals)							
	Insulation Resistance	$20M\Omega$ or more at DC500V (between charging and FG terminals)							
	Operating Temperature	0°C to +40°C							
	Storage Temperature		-20°C to +60°C						
	Humidity		RH (non-condensing.wet bulb temperatur						
	Storage Humidity	10%RH to 90%RH (non-condensing.wet bulb temperature:39°C or less)							
nental	Vibration Resistance IEC61131-2 (JIS B 3502) compliant When vibration is NOT continuous: 10Hz to 57Hz 0.035mm, 57Hz to 150Hz 9.8m/s² When vibration is continuous: 10Hz to 57Hz 0.035mm, 57Hz to 150Hz 4.9m/s², 10 times (80min.) for each (7) Shock Resistance IEC61131-2 (JIS B 3502) compliant, 147m/s² Release time: 11ms, Twice for each (X, Y, Z) direct Drop Resistance IEC61131-2 (JIS B 3502) compliant (1.0-meter drop, twice) Noise Impunity								
	Shock Resistance	IEC61131-2 (JIS B 3502) compliant, 147m/s² Release time: 11ms, Twice for each (X, Y, Z) direction							
ij	Drop Resistance	IEC61131-2 (JIS B 3502) compliant (1.0-meter drop, twice)							
Ш	(via noise simulator)	Noise Voltage: 1000Vp-p Pulse Duration: 1 μs Arise Time: 1ns							
	Corrosive Gasses		Free of corrosive gasses						
	Electrostatic Discharge Immunity		6kV (EN61000-4-2 Level 3)						
	Certifications	E	N55011 Class A, EN61000-6-2, UL60950						
	Grounding	100Ω	Max., or your country's applicable standa	rd*1					
2	Rating (For front face of installed unit)	Equivaler	nt to IP65f (JEM1030) / NEMA #250 TYPE	4X/12* ²					
ctr	Cooling Method		Natural air circulation						
2	Weight		1.2kg (2.65lb)						
S	External Dimensions	W253mm[9.96in.] x	H185mm[7.28in.] x D58mm[2.28in.] (exc	uding projections)					

- *1 Grounding requirements differ from country to country Be sure to confirm your work environment requirements prior to installation.

 For more information, please contact your Pro-face
- For more information, please contact your Pro-tace distributor.

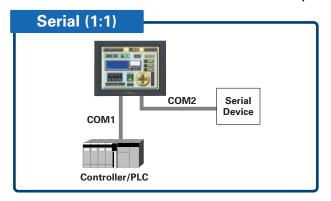
 *2 The degree of protection provided by these products is equivalent to IP65f, however their performance cannot be guaranteed for every environment. Be sure to confirm your work environment requirements prior to

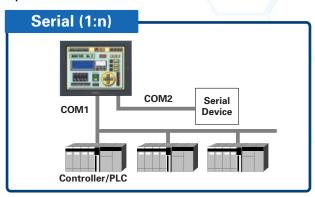
GP2000H Series 14 13 GP2000H Series

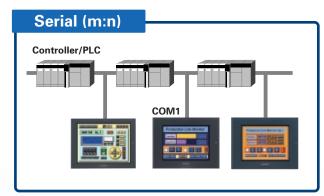
Communication Connectivity

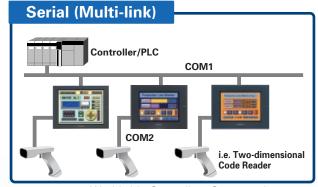
SERIAL CONNECTIONS

Use the RS-232C/RS-422 communication port to connect at up to 115.2 kbps to over 600 different PLCs and controllers.





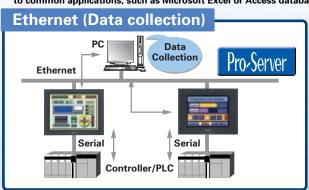


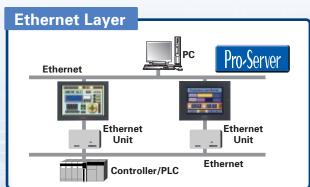


Worldwide Controllers Supported Page ▶18
Supported connection methods depends on a used controller and driver.

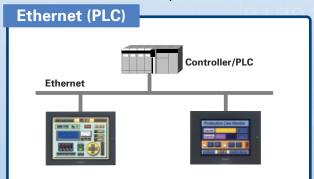
ETHERNET NETWORK

The Pro-Server with Pro-Studio software allows the host PC to collect PLC data via GP to common applications, such as Microsoft Excel or Access database.



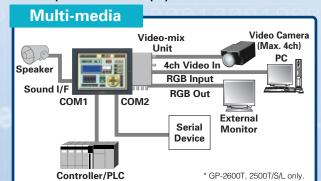


Connect to the world's most widely used network.

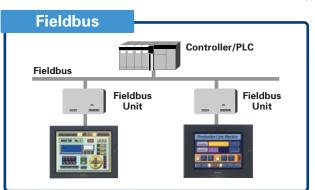


VIDEO-MIX CONNECTION

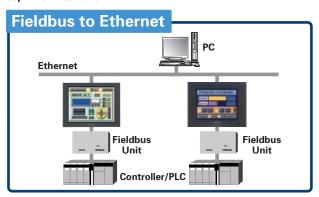
Display images from external video cameras and PCs on a single unit, and output the GP screen display to an external monitor.



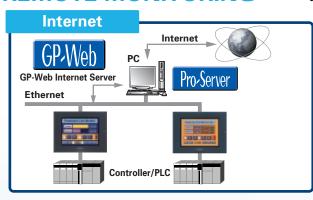
FIELDBUS CONNECTIONS



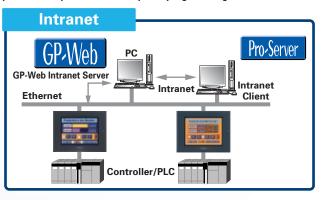
Attach an optional network unit and connect your GP to a variety of field networks.



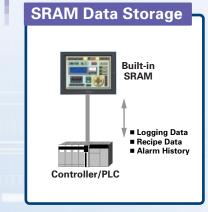
REMOTE MONITORING

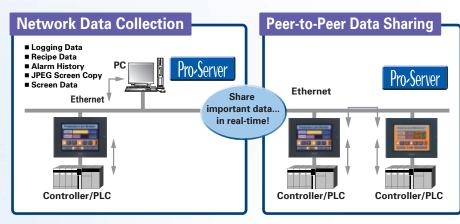


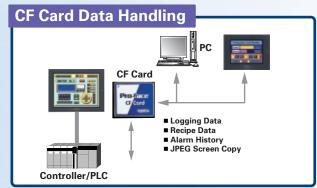
GP-Web enables remote monitoring of factory floor data anytime and anywhere without special programming.

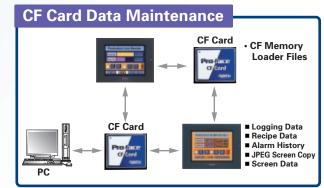


DATA HANDLING









Communication Connectivity 16

2000 Advanced Technology

DISPLAY & OPERATION

- Touch Panel Operation
- On-line Multi-language Selection
- Windows Font Image Import
- 256-Color Display*1
- Video-mix Display of Up to 4 Video Windows, with 1 RGB-In and 1 RGB-Out*2
- Bar, Meter, Pie and Trend Graphs
- Active Window
- European and Asian Font Support
- Backlight Burn-out Detection Function
- 100MHz RISC CPU Performance
- *1 GP-2600T, 2500T, 2400T, 2300T, 2601T, 2501T, 2401T, 2301T, 2401HT only.
- *2 VM Unit is required. GP-2600T, 2500T only

DATA HANDLING

- JPEG Screen Capturing*1
- JPEG File Transfer via Network*1
- Data Backup SRAM
- Production Data Exchange via CF Card
- Real-time Data Collection via ADO/DDE/DLL/ OPC/SQL with "Pro-Server with Pro-Studio"
- Remote Monitoring via Internet/Intranet with "GP-Web"
- Screen Data Maintenance via CF Card
- Screen Data Maintenance via Ethernet
- Data Logging
- **■** Recipe Handling
- Alarm History

*1 VM Unit is required. GP-2600T, 2500T only.

CONNECTIVITY

- Worldwide Protocols Supported
- **■** Fieldbus Connection
- Ethernet Connection*1
- External Speaker for Audio Messages*2
- 2-D Code/Bar-Code Reader Connectivity via COM2*1
- Multi-link Serial Connection
- Memory-link Connection

*1 GP-2600T, 2500T/S/L, 2400T, 2300T/S/L only *2 GP-2600T, 2500T/S/L, 2400T only.

SCREEN DEVELOPMENT

- JPEG & BMP Compatibility
- **256-color Parts Library**
- Easy-to-Create Development Log
- Simulation Function
- D-Script Programming Tool
- TXT, RTF, CSV, DXF, WAV Format Compatibility
- ISO7000 Symbol Library
- Alarm Message Import/Export
- Sound Message Library
- Fully Scalable Objects
- Functional and Animation Tags
- **■** Internet Browser-like Easy File Management
- I/O Addressing Cross Reference
- Screen-nesting Chart

Connectable Controllers

All equipment in these lists has been tested with the GP-PRO/PBIII C-Package03 software (as of February 2004)

PF3S-CP13 MICRO³ FC4A-C10R2E

FC4A-D20K3 FC4A-D20S3

FC4A-D20RS1

FC4A-D40S3

KZ-300

KV-16A□.KV-16D

KV-40A . KV-40D

KV-10RW,KV-10T2W KV-16RW,KV-16T2W KV-24RW,KV-24T2W

> KV-40RW.KV-40T2W KV-80RW.KV-80TW

SU-6B SZ-4

SR-21

SR-22

D0-05AA D0-05AD D0-05DA D0-05DD D0-05DD-D D0-05DR

D2-240 D3-330 D4-430

The KV-700 uses the KZ-300 and KZ-A500 protocol.

(All-in-One Type) FC4A-C24R2B

OpenNet FC3A-CP2K
Controller FC3 FC3A-CP2S

KZ-A500 KZ-A500

KV-700 KV-700

Koyo Electronics Industries

KOSTAC SG SG-8

KOSTAC SU

KOSTAC SZ

KOSTAC SR

DL-205

DL-405

KEYENCE

KZ-300

Idec Izumi

PLCs

Series Name	CPU	Direct	JPCN-1
E44110.0 :	16-MODEL C	•	•
FANUC Series	18-MODEL C	•	
	16i-MODEL A	•	
	16i-MODEL B	•	
	18i-MODEL A	•	
	18i-MODEL B	•	
	21i-MODEL A	•	
	21i-MODEL B	•	
FANUC Power Mate (Motion Controller)	Power Mate	•	

-			
- 1	·ΑΙ	E	<

Facon FB	FBE-28MC	•	•	•	•
	FBE-40MC	•	•	•	•
Fuji Electric					
Series Name	CPU	Link	Direct	T-Link	JPCN-1
	F30	•		•	
MICREX-F	F50	•		•	
	F60	•		•	
	F70S	•		•	
	F80	•		•	
	F80H	•	•	•	
	F81	•		•	
	F120	•		•	
	F120H	•		•	
	F120S	•		•	
	F200	•		•	
	F250	•	•	•	
	NB1	•	•		
FLEX-PC	NB2	•	•		
	NB3	•	•		
	NJ	•	•		•
	NS	•	•		

GE	FANUC	Automatic

GE FANUC Automation							
Series Name	CPU	Link	Direct				
	CPU311	•	•				
Series90-30	CPU331	•	•				
	CPU360/363/364		•				
	CPU313/323		•				
	CPU340/341		•				
	CPU350/351/352		•				
	CSE311/313		•				
	CSE323/331/340		•				
	CPU731/732	•	•				
Series90-70	CPU771/772	•	•				
	CPU780/781/782	•	•				
	CPU788/789		•				
	CPM915/925		•				
	CPX935		•				
	CGR935		•				
	CPM790		•				
	CSE784		•				
	CSE924/925		•				
	CPX772/782		•				
	CPX928		•				
	CGR772		•				

	Series Name	CPU	Link	Direct	Multi-Link	DeviceNet	Ethernet	JPCI
		2α(LWP000)	•					•
	HIDIC-S10 α	2αE(LWP040)	•					•
		2αH(LWP070)	•					•
		4α	•					
		4αF	•					
		2αHf(LWP075)						•
	HIZAC EC	EC-40HR		•				
		LQP000	•			•		
	S10mini	LQP010	•			•		
ı		LQP011	•			•		
		LQP120	•					
		LQP800	•					
	S10V	LOP510	•			•		

Hitachi Industrial Equipment Systems

Series Mairie	CF 0	LIIIK	Direct	MUILIFLIIK	DEMINERACE	Luiciliei	9
LUDIC II	H20		•				Г
HIDIC-H	H28		•				Г
	H40		•				Г
	H64		•				Г
	H-200		•				Г
	H-252C		•				
	H-300	•	•				
	H-302	•	•	•		•	
	H-700	•	•				
	H-702	•	•	•		•	
	H-1002					•	
	H-2000	•	•	•			
	H-2002	•	•	•		•	
	H4010	•	•	•		•	
	EH-150	•	•	(EH-CPU448)			
	MICRO-EH		•	•			Ī
Idec Izumi							

	001100 1141110	0. 0		5000
	FA-2	PF2-CPU1		•
	1 A-2	PF2-CPU5M		•
	FA-2J	PF2J-CPU1		•
	FA-3S	PF3S-CP11		•
		PF3S-CP12	•	•

Mitsubishi Electric

Series Name	CPU	Link	Direct	1:n	Multi -Link	MELSEC- Net/IO	Ethernet	CC -Link	JPCN-
MELSEC-A	A2CCPUC24	•	•		•				
WILLSLO-A	A2CJ-S3		•						
	A2N	•	•		•	•	•	•	•
	A2N-S1					•		•	
	A2S					•		•	
	A2SH	•	•		•	•		•	
	A2U	•			•	•		•	
	A2U-S1		•			•	•	•	•
	A2US	•	•		•	•	•	•	
	A2US-S1		•			•		•	
	A2USH-S1	•	•		•	•		•	
	A3A	•	•		•	•	•	•	•
	АЗН		•			•		•	
	A3N	•	•		•	•		•	
	A3U	•	•			•		•	
	A4U	•	•		•	•		•	
	F ₂ -20M	•							
MELSEC-F2	F2-40M	•							
	F2-60M	•							
	A1FX		•						
MELSEC-FX	FX ₀		•						
	FXos		•						
	FXon		•						
	FX ₁		•						
	FX1s		•						
	FX _{1N}	•	•						
	FX1NC	•	•	•					
	FX2		•	•					
	FX2C		•						
	FX _{2N}	•	•		•				
	FX2NC	•	•	•					
	Q2A	•	•	•	•	•	•	•	
MELSEC-QnA	Q2A-S1	•			•	•	•	•	
	Q2AS	•	•		•	•	•	•	
	Q2ASH	•				•	•	•	
	Q2AS-S1	•	•		•	•	•		
	Q3A					•	•	•	
	Q4A	•	•		•	•	•	•	
	Q4AR	•	•		•		•	•	
	Q00CPU	•	•		•	•	•	•	
MELSEC-Q	Q00JCPU	•			•	•	•	•	
	Q01CPU	•	•		•	•	•	•	
	Q02CPU	•	•		•	•	•	•	
	Q02CPU-A	•	•		•	<u> </u>	<u> </u>	•	
	Q02HCPU	•	•		•	•	•	•	
	Q02HCPU-A	•	•		•	Ť	Ť	•	
	Q06HCPU	•	•		•	•	•	•	
	Q06HCPU-A	•	•		•	Ť	Ť	•	
	Q12HCPU	•	•		•	•	•	•	
	Q25HCPU	•	•	-	•	•	•	•	
	/10 is supported o	_	_		_	_			

latsushita l	Electric		88
Series Name	CPU	Link	*1
anadac 7000	P7000-PLC-001	•	
	P7000-PLC-031H	•	10
	P7000-PLC-031S	•	Se
	P7000-PLC-A01	•	

Matsushita Electric Works/NAiS

Series Name	CPU	Link	Direct	Multi-Link
	FP2	•		
MEWNET	FP3	•		
	FP5	•		
	FP10(S)	•		•
	FP1	•	•	
	FP-M	•	•	
	FP10SH	•		•
	FP0	•	•	
	FP2-C2	•	•	
	FP2-C2P	•	•	
	FP2-C3P	•	•	
	FPG-C32T	•	•	
FPΣ Control Unit	FPG-C32T2	•	•	
	FPG-C24R2	•	•	

Series Name	CPU	Ethernet
LINICEOUE	RC100	•
UNISEQUE	ADC4000	•
	ADC7000	•

Mitsubishi Electric

Series Marile	CFU	LIIIK	Direct	1.11	-Link	Net/IO	Ellielliel	-Link	JFGIV-1	1
	AOJ2	•			•					1
MELSEC-A	AOJ2H	•	•		•			•		1
	A1N	•	•		•	•		•		ı
	A1S	•	•		•	•		•		ı
	A1SH	•	•		•	•		•		ı
	A1SJ	•	•		•	•		•		ı
	A1SJH					•		•		ı
	A1SCPUC24-R2					•		•		ı
	A2A	•	•		•	•	•	•	•	1
	A2A-S1					•		•		1

OCTICS Harrie	CFU	Direct	Wodbus (II.III)
Modbus Master*1	_	● *2	
884/984	884	•	•
004/304	984A/984B	•	•

The GP becomes a slave. *2 The connection port varies depending on the mode

	Octios Hame	0.0	Link	Direct	1	-Link	-Net	Lincinic
		C20H	•					
	SYSMAC C	C28H	•					
		C40H	•					
		C120	•			•		
		C120F	•			•		
		C200H	•			•		
		C200HS	•	•		•		
		C500	•			•		
		C500F	•			•		
		C1000H	•			•		
		C1000HF	•			•		
		C2000	•			•		
		C2000H	•			•		
		CQM1-CPU11		•				
		CQM1-CPU42	•	•				
		CQM1H-CPU21		•				
		CQM1H-CPU51	•	•	•			
		CQM1H-CPU61	•	•	•			
		CPM1-20CDR-A	•	•		•		
		CPM2A	•	•		•		
		CPM2C	•	•				
		SRM1-C02	•	•		•		
		C200HE-CPU42	•			•		
	SYSMAC α	C200HE-CPU42-Z	•					
		C200HG-CPU43	•			•		
		C200HG-CPU63	•					
		C200HX-CPU44	•					
		C200HX-CPU64	•			•		
		C200HX-CPU64-Z	•			•		
		C200HX-CPU85-Z	•					
		CV500	•			•		
	SYSMAC CV	CV1000	•			•		
		CVM1	•			•		
		CS1G-CPU42	•	•		•	•	•
	SYSMAC CS1	CS1G-CPU43	•	•		•	•	•
	CS1G-CPU44	•	•			•		

Connectable Controllers 18 17 GP2000 Advanced Technology

Series Name	CPU	Link	Direct	1:n	Multi -Link	Device -Net	Ethernet
	CS1H-CPU64	•	•		•	•	•
SYSMAC CS1	CS1H-CPU65	•	•		•	•	•
	CS1H-CPU66	•	•		•	•	•
	CS1H-CPU67	•	•		•	•	•
	CS1G-CPU42H	•	•		•	•	•
	CS1G-CPU43H	•	•		•	•	•
	CS1G-CPU44H	•	•		•	•	•
	CS1G-CPU45H	•	•		•	•	•
	CS1H-CPU63H	•	•		•	•	•
	CS1H-CPU64H	•	•		•	•	•
	CS1H-CPU65H	•	•		•	•	•
	CS1H-CPU66H	•	•		•	•	•
	CS1H-CPU67H	•	•		•	•	•
	CJ1G-CPU44	•	•		•	•	•
SYSMAC CJ	CJ1G-CPU45	•	•		•	•	•
	CJ1G-CPU42H	•	•		•	•	•
	CJ1G-CPU43H	•	•		•	•	•
	CJ1G-CPU44H	•	•		•	•	•
	CJ1G-CPU45H	•	•		•	•	•
	CJ1M-CPU12	•	•		•	•	•
SYSMAC CJ1M	CJ1M-CPU13	•	•		•	•	•
	CJ1M-CPU22	•	•		•	•	•
	CJ1M-CPU23	•	•		•	•	•
ORIMVEXT	Α						
Series Name	CPU			L	ink		
E1	CPU11				•		

E1	CPU11								
Rockwell (A	llen-Bradley)								
Series Name	СРИ	Link	Direct		Device -Net	DH+	DH 485	Remote I/O	Etherne
	SLC-5/01						•		
SLC500	SLC-5/02						•		
	SLC-5/03	•		•			•		
	SLC-5/04	•		•	•	•	•		
	SLC-5/05								•
DI O F	PLC-5 Series	•						•	
PLC-5	PLC-5/11	•	•						
	PLC-5/20	•	•		•	•			
	PLC-5/30	•	•						
	PLC-5/40	•	•						
	PLC-5/40L	•	•						
	PLC-5/60	•	•						
	PLC-5/60L	•	•						
	1756-L1		•		•				•
Control Logix	1756-L1M1		•		•				•
5000	1756-L1M2		•		•				•
	1756-L1M3		•		•				•
	1756-L55M13		•		•				•
	1756-L55M14		•		•				•
	1756-L55M16		•		•				•
	1761-L16AWA	•	•	•			•		
MicroLogix1000	1761-L32AWA	•	•	•			•		
	1761-L20AWA-5A	•	•	•			•		
	1761-L10BWA	•	•	•			•		
	1761-L16BWA	•	•	•			•		
	1761-L20BWA-5A	•	•	•			•		
	1761-L32BWA	•	•	•			•		
	1761-L10BWB	•	•	•			•		
	1761-L16BWB	•	•	•			•		
	1761-L20BWB-5A	•	•	•			•		
	1761-L32BWB	•	•	•			•		
	1761-L16BBB	•	•	•			•		
	1761-L32BBB	•	•	•			•		
	1761-L32AAA	•	•	•			•	<u> </u>	
	1762-L24AWA	•	•	•			•		
MicroLogix1200	1762-L24BWA	•	•	•			•		
	1762-L24BXB	•	•	•			•		
	1762-L40AWA	•	•	•			•		
	1762-L40BWA	•	•	•			•		
	1762-L40BXB	•	•	•			•	_	
	1764-LSP	•	•	•	•		•	_	
MicroLogix1500	1764-LRP	•	•	•	•		_	_	

Series Name	CPU	Modbus RTU	Modbus TCP	Uni-Telway
	TSX 07 30 10	•		•
Nano	TSX 07 31 16□□	•		•
	TSX 07 31 24	•		•
	TSX 07 32 □□28			•
	TSX 07 33 □□28			•
	TSX 07 3L □□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	•		•
	TSX 37 21 101	•		•
	TSX 37 22 101	•		•
	TSX 37 21 001	•		•
	TSX 37 22 001	•		•

Series Name	CPU	Modbus RTU	Modbus TCP	Uni-Telway
	TSX P57 103M	•	•	•
Premium	TSX P57 153M	•	•	•
	TSX P57 203M	•	•	•
	TSX P57 253M	•	•	•
	TSX P57 303M	•	•	•
	TSX P57 353M	•	•	•
	TSX P57 453M	•	•	•
	TWD LCAA 10DRF	•		
Twido	TWD LCAA 16DRF	•		
	TWD LCAA 24DRF	•		
	TWD LMDA 20DTK	•		
	TWD LMDA 20DUK	•		
	TWD LMDA 20DRT	•		
	TWD LMDA 40DTK	•		
	TWD LMDA 40DUK	•		
	140 CPU 113 02	•	•	
Quantum	140 CPU 113 03	•	•	
Quantum	140 CPU 413 12A	•	•	
	140 CPU 543 14A	•	•	
	171 CCS 700 00	•		
Momentum	171 CCS 700 10	•		
	171 CCS 760 00	•		
	171 CCC 760 10	•		
	171 CCS 780 00	•		
	171 CCC 780 10	•		
	171 CCC 960 20/30	•		
	171 CCC 980 20/30	•		
Sharp				
O! N	OPU	1.5-1.		ALLEGA COLLEGE

Series Marine	CPU		LINK		l l	viuiti-Lii	IK
Name Octobby 1987	JW20		•				
New Satellite JW	JW-32CUH		•				
	JW-32CUH1		•				
	JW-33CUH3		•			•	
	JW50		•				
	JW70		•				
	JW100		•				
Shinko Elec	tric						
Series Name	CPU			Li	nk		
SELMART	SELMART			-	•		
SIEMENS							
Series Name	CPU	Link	Direct	Profibus	MPI	INTERBUS	Etherne
	S5 90U	•	•				
SIMATIC-S5	S5 95U	•	•				
	S5 100U	•	•				
	S5 115U	•	•				
	S5 135U	•	•				
	S5 155U	•	•				
	CPU212	_	•				
SIMATIC S7-200	CPU214		•		•		
	CPU215		•		•		
	CPU216		•		•		
	CPU221		•		•		
	CPU222		•		•		
	CPU224		•		•		
	CPU226		•		•		
	CPU312IFM		•		•		•
SIMATIC S7-300	CPU313	•	•		•		•
	CPU314	•	•		•		•
	CPU314IFM	Ť			•		•
	CPU315	•	•		•		•
	CPU315-2DP	•	•	•	•		•
	CPU316				•		•
	CPU316-2DP				•		•
	CPU318-2				•		•
	CPU412-1				•		•
SIMATIC S7-400	CPU412-2DP				•		•
	CPU413-1				•		•
	CPU413-2DP	•	•	•	•	•	•
	CPU414-1	_			•		•
	CPU414-2DP				•		•
	CPU414-3DP				•		•
	CPU416-1				•		•
	CPU416-2DP				•		•
			_		_	_	

	CPU215		•		•		
	CPU216		•		•		
	CPU221		•		•		
	CPU222		•		•		
	CPU224		•		•		
	CPU226		•		•		
	CPU312IFM		•		•		•
SIMATIC S7-300	CPU313	•	•		•		•
	CPU314	•	•		•		•
	CPU314IFM				•		•
	CPU315	•	•		•		•
	CPU315-2DP	•	•	•	•		•
	CPU316				•		•
	CPU316-2DP				•		•
	CPU318-2				•		•
	CPU412-1				•		•
SIMATIC S7-400	CPU412-2DP				•		•
	CPU413-1				•		•
	CPU413-2DP	•	•	•	•	•	•
	CPU414-1				•		•
	CPU414-2DP				•		•
	CPU414-3DP				•		•
	CPU416-1				•		•
	CPU416-2DP				•		•
	CPU416-3DP				•		•
	CPU417-4				•		•
OIMATIO FOE	SIMATIC545-1101	•					
SIMATIC 505	SIMATIC545-1102	•					
	SIMATIC545-1103	•					
	SIMATIC545-1104	•					
	SIMATIC545-1105	•					
	SIMATIC545-1106	•					
	SIMATIC555-1101	•					
	SIMATIC555-1102	•					
	SIMATIC555-1103	•					
	SIMATIC555-1104	•					
	SIMATIC555-1105	•					
	SIMATIC555-1106	•					
Гoshiba					-		
Series Name	CPU	Li	ink	Multi	i-Link	Ethe	ernet
PROSEC EX	EX2000	•	•				
			_	-			
PROSEC T	T3		•	•	•	l .	

Γoshiba								
Series Name	CPU	L	_ink	N	lulti-Li	nk	1:	
PROSEC T	T2N T2E		•			+		_
	B200CH		•					
PROVISOR B	B200CUF		•			_		
	B200CURM B200CUFRM		•	+		+		
	S2PU22A		•		•			
V Series	S2PU32A		•		•			
	S2PU72A S2PU72D		•	+	•	-	_	
	S3PU45A		•		•			
	S3PU55A		•		•		•	
Γoshiba Ma	S3PU65A		•		•)
Series Name	CPU				Link			
	TCCUH				•			
PROVISOR TC200	TCCUHS				•			
Face 1: 11	TCCUSS				•			
Foyoda Mad Series Name	chine Works		Lin	k			1:n	
	PC2		LIN	N.			1.0	
TOYOPUC-PC2	L2		•					
T01/0=::-	PC2J		•		\perp		•	
TOYOPUC-PC3	PC3J		•				•	
Yaskawa El Series Name	CPU	Lin	nk	Direc	t M	ulti-Lin	ık Eth	ern
	U84	LII	_	Direc	, IVII	ann Eil		ont
Memocon-SC	U84J	•	,					
	U84S	•	-				+	
	GL40S GL60S	•	_		+		+	
	GL60H	•	_					
	GL70H	•	-	_	\perp	•	1	_
	GL120 GL130		-	•	+	•	+	
	CP-9200	_		•			_	
Control Pack	01 -320011			•				
Memocon Micro	CP-9200SH Micro	•	,	•	_		-	_
PROGIC-8	PROGIC-8	•	,		+		+	
MP900	MP920	•		•				•
	MP930	•	-	•	+		+	•
MP2000 Yokogawa	MP2300	_						•
Series Name	CPU	Link	Direct	1:n	Multi-	n:m	Ethernel	Dev
	FA500		Diroct	•	Link		Lationio	-N
FACTORY ACE	FA-M3	•	•	•	•	•	•	•
STARDOM	FCN		•					
		1						1
Ihon	FCJ							_
Jbon Series Name					Link			
Series Name	CPU UPZ3-16ND1-16TD1				Link			
	CPU UPZ3-16ND1-16TD1 UPZ3-M							
Series Name UPZ	CPU UPZ3-16ND1-16TD1 UPZ3-M UPZ3-T				•			
Series Name UPZ	CPU UPZ3-16ND1-16TD1 UPZ3-M UPZ3-T (erter:				•			
Series Name UPZ Inv Fuji Electric	CPU UPZ3-16ND1-16TD1 UPZ3-M UPZ3-T (erter:	S	YC.		•		1:0	
UPZ Inv Fuji Electric Series Name	CPU UPZ3-16ND1-16TD1 UPZ3-M UPZ3-T (erter:	S			•		1:n	
Series Name UPZ Inv Fuji Electric	CPU UP23-16ND1-16TD1 UPZ3-M UPZ3-T (Crter:	S verte	11S-2 11S-4		•			
UPZ Inv Fuji Electric Series Name	CPU UPZ3-16ND1-16TD1 UPZ3-M UPZ3-T (CrtCr:	S verte	11S-2 11S-4 11S-2		•		•	
Series Name UPZ Inv Euji Electric Series Name FRENICS50006118	CPU UPZ3-I6ND1-16TD1 UPZ3-M UPZ3-T (PTEPS) In FRNL FRNL FRNL FRNL		11S-2 11S-4 11S-2 11S-4		•		•	
UPZ Inv uji Electric Series Name FRENCS50006118	CPU UPZ3-I6ND1-I6TD1 UPZ3-M UPZ3-T CPTCPT In FRN[FRN[FRN[FRN[FVR[FVR[FVR[FVR[FVR]		11S-2 11S-4 11S-2 11S-4 =11S-	2	•		•	
Series Name UPZ Inv Euji Electric Series Name FRENICS50006118	CPU UPZ3-16ND1-16TD1 UPZ3-M UPZ3-M UPZ3-T (CrtCr: In FRNI FRNI FRNI FRNI FRNI FVRI FVRI FVRI FVRI FVRI		11S-2 11S-4 11S-2 11S-4 =11S- =11S-	2 7 2	•		•	
Series Name UPZ Inv Fuji Electric Series Name FRENICS5000911S FRENICS5000P11S	CPU UPZ3-16ND1-16TD1 UPZ3-M UPZ3-T CPTCPS In FRNL FRNL FRNL FRNL FVRL FVRL FVRL FVRL FVRL FVRL		11S-2 11S-4 11S-2 11S-4 =11S- =11S- C11S-	2 7 2	•		• • • • • • • • • • • • • • • • • • •	
Series Name UPZ Inv Tuji Electric Series Name FRENICSS000G118 FVR-E11S FVR-C11S	CPU UP23-16ND1-16TD1 UP23-M UP23-T / CPTCP: In FRN(FRN(FRN(FRN(FRN(FRN(FRN(FRN(11S-2 11S-4 11S-2 11S-4 11S- 11S- 11S- 11S- 11S- 11S- 11S	2 7 2 6	•		•	
Series Name UPZ Inv Tuji Electric Series Name FRENICSS000G118 FVR-E11S FVR-C11S	CPU UP23-16ND1-16TD1 UP23-M UP23-T CPTCP: In FRN[FRN[FRN[FVR[FVR[FVR[FVR[FVR[FVR[FVR[FVR		11S-2 11S-4 11S-2 11S-4 E11S- E11S- C11S- C11S- C11S- C11S-	2 7 2 6	•		• • • • • • • • • • • • • • • • • • •	
Series Name UPZ INV Fuji Electric: Series Name FRENICSS000911S FVR-E11S FVR-C11S Hitachi Indu Series Name SJ300	CPU UPZ3-16ND1-16TD1 UPZ3-M UPZ3-M UPZ3-T CPTCP: In FRNL FRNL FRNL FRNL FVRL FVRL FVRL FVRL STRIAL Equipm In SJ300-	S verte G G P P P C C C C C C C C C C	11S-2 11S-4 11S-2 11S-4 11S- 11S- 11S- 11S- 11S- 11S- 11S	2 7 2 6 7 ns	•		• • • • • • • • • • • • • • • • • • •	
Series Name UPZ Inv Tuji Electric: Series Name FRENCS50009118 FVR-E11S FVR-C11S	CPU UP23-16ND1-16TD1 UP23-M UP23-T (PTEP: In FRNI FRNI FRNI FVRI FVRI FVRI FVRI Strial Equipm In SJ300-1 L300P-1	S verte G G P P C S Verte S Verte S Verte	11S-2 11S-4 11S-2 11S-4 11S- 11S- 11S- 11S- 11S- 11S- 11S	2 7 2 6 7 ns			1:n	omit
Series Name UPZ Inv Tuji Electric: Series Name FRENCS50009118 FVR-E11S FVR-C11S	CPU UPZ3-I6ND1-I6TD1 UPZ3-M UPZ3-T CPTCPT In FRN[FRN[FRN[FVR[FVR[FVR] FVR] Strial Equipm SJ300- L300- L300- L300- L300- L000- n the product spe	S verte G G P P C S Verte S Verte S Verte	11S-2 11S-4 11S-2 11S-4 11S- 11S- 11S- 11S- 11S- 11S- 11S	2 7 2 6 7 ns		is som	1:n	omit
Series Name UPZ INV Fuji Electric Series Name FRENCSS0009118 FVR-E11S FVR-C11S Ittachi Indu Series Name SJ300 L300P 1 Depending of	CPU UPZ3-I6ND1-I6TD1 UPZ3-M UPZ3-M UPZ3-T CPTCPT In FRNI FRNI FRNI FVRI FVRI FVRI FVRI Strial Equipm SJ300-I L300P-I n the product spe	S verte G G P P C S Verte S Verte S Verte	11S-2 11S-4 11S-2 11S-4 11S-2 11S-2 11S-2 11S-2 11S-2 11S-2 11S-3 11S-3 11S-4 11S-3 11S-4 11S-3 11S-4 11S-3 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4 11S-4	2 7 2 6 7 ns		is som	1:n	omit
Series Name UPZ INV Fuji Electric Series Name FRENCSS0009118 FVR-E11S FVR-C11S	CPU UP23-16ND1-16TD1 UP23-M UP23-T VERTER: FRNE FRNE FRNE FVRE FVRE FVRE FVRE L300P- L300P- In the product specification FR- FR- FR- FR- FR- FVRE FVRE FVRE FVRE FVRE FVRE FVRE FVRE	S verte G G P P P E E C C C C C C C C C C C	11S-2 11IS-4 11IS-2 11IS-4 11IS-2 11IS-4 11IS-2 11IS-2 11IS-2 11IS-2 11IS-2 11IS-2 11IS-2 11IS-2 11IS-3 11I	2 7 2 6 7 ns		is som	1:n	omit
Series Name UPZ INV Fuji Electric Series Name FRENCSS0006118 FVR-E11S FVR-C11S Hitachi Indu Series Name SJ300 L300P L300P Mitsubishi E	CPU UPZ3-I6ND1-I6TD1 UPZ3-M UPZ3-T CPTCPT IN FRN[FRN[FRN[FVR[FVR[FVR] FVR[L3000-[L3000-[In the product specific in FR-FR-FR-FR-FR-FR-FR-FR-FR-FR-FR-FR-FR-F	S verte G G P P P G C S verte Verte A520 A540	11S-2 11S-4 11S-4 11S-2 11S-4 11S-2 11S-4 11S-7 11S-4 11S-7	2 7 2 6 7 ns		is som	1:n	omit
Series Name UPZ INV Fuji Electric Series Name FRENCSS0009118 FVR-E11S FVR-C11S	CPU UP23-16ND1-16TD1 UP23-M UP23-M UP23-T CPTCPT In FRNI FRNI FRNI FVRI FVRI FVRI FVRI STRIAL Equipm SJ300-I L300P-I n the product specificatric In FR-FR-FR-FR-FR-FR-FR-FR-FR-FR-FR-FR-FR-F	S Verte G G G P P P C C C C C C C C C C	11S-2 11S-4 11S-4 11S-2 11S-4 11S-2 11S-4	2 7 2 6 7 ns		is som	1:n	omit
Series Name UPZ INV Fuji Electric Series Name FRENCSS000G11S FVR-E11S FVR-C11S Hitachi Indu Series Name SJ300 L300P HOPpending of Mitsubishi E Series Name FREQROL-A500 FREGROL-A500 FREGROL-A500L	CPU UP23-I6ND1-I6TD1 UP23-M UP23-T CPTCPT In FRN[FRN[FRN[FVR[FVR[FVR] FVR[FVR] FVR[FVR[FVR] FVR[S	11S-2 11S-4	2 7 2 6 7 ns		is som	1:n	omit
Series Name UPZ Inv -uji Electric Series Name FRENCSS000G11S FVR-E11S FVR-C11S -litachi Indu Series Name SJ300 L300P 1 Depending of Mitsubishi E Series Name FREQROL-A500	CPU UPZ3-I6ND1-I6TD1 UPZ3-M UPZ3-M UPZ3-T CPTCPT In FRN[FRN[FRN[FVRL FVRL FVRL FVRL FVRL Strial Equipm In SJ300-L L300P-L On the product specification FR-FR-FR-FR-FR-FR-FR-FR-FR-FR-FR-FR-FR-F	S	11S-2 11S-4 11S-2 11S-4 11S-2 11S-4 11S-2 11S-2 11S-2 11S-2 11S-2 11S-2 11S-2 11S-2 11S-2 11S-3	2 7 2 6 7 ns		is som	1:n	omit
Series Name UPZ INV Fuji Electric Series Name FRENCSS000G11S FVR-E11S FVR-C11S Hitachi Indu Series Name SJ300 L300P HOPpending of Mitsubishi E Series Name FREQROL-A500 FREGROL-A500 FREGROL-A500L	CPU UP23-16ND1-16TD1 UP23-M UP23-T (PTEP: In FRNI FRNI FRNI FRNI FVRI FVRI FVRI EVRI EVRI FVRI FVRI FVRI FVRI FVRI FVRI FVRI F	S	11S-2 11S-4 11S-2 11S-4 11S-2 11S-4 11S-2 11S-2 11S-2 11S-3	2 7 2 6 7 ns		is som	1:n	omit
Series Name UPZ INV Fuji Electric Series Name FRENCSS000611S FVR-E11S FVR-C11S Hitachi Indu Series Name SJ300 L300p U300p Hitachi Indu Series Name FREQROL-4500 FREQROL-4500 FREQROL-4500 FREQROL-5500	CPU UP23-I6ND1-I6TD1 UP23-M UP23-T CPTCP: In FRNI FRNI FRNI FVRI FVRI FVRI FVRI EVRI EVRI FVRI FVRI FVRI FVRI FVRI FVRI FVRI F	S	11S-2 11S-4 11S-2 11S-4 11S-2 11S-4 11S-2 11S-2 11S-2 11S-3	2 7 2 6 7 ns		is som	1:n 1:n	omit
Series Name UPZ INV Fuji Electric Series Name FRENCSS000G11S FVR-E11S FVR-C11S Hitachi Indu Series Name SJ300 L300P HOPpending of Mitsubishi E Series Name FREQROL-A500 FREGROL-A500 FREGROL-A500L	CPU UPZ3-I6ND1-I6TD1 UPZ3-M UPZ3-M UPZ3-T CPTCPT In FRNI FRNI FRNI FVRI FVRI FVRI FVRI STRIAL Equipm SJ300-[L300P-[n the product specification of FR-FR-FR-FR-FR-FR-FR-FR-FR-FR-FR-FR-FR-F	S verte G G G G G G G G G G G G G G G G G G	11S-2 11IS-4 11IS-2 11S-4 11IS-2 11IS-2 11IS-2 11IS-3 11IS	2 7 2 6 7 ns		is som	1:n	omit
Series Name UPZ INV Fuji Electric Series Name FRENCSS000611S FVR-E11S FVR-C11S Hitachi Indu Series Name SJ300 L300p U300p Hitachi Indu Series Name FREQROL-4500 FREQROL-4500 FREQROL-4500 FREQROL-5500	CPU UP23-16ND1-16TD1 UP23-M UP23-T VERTER: In FRN(FRN(FRN(FVR(FVR(FVR(FVR(FVR(FVR(FVR(FVR	S	11S-2 11IS-4 11S-2 11S-4 11S-2 11S-2 11S-2 11S-2 11S-2 11S-2 11S-2 11S-2 11S-2 11S-3	2 7 2 6 7 ns		is som	1:n	omit

FREQROLB, B3

FR-S520-□K-R

FR-S520SK-R

FR-B3-

Toshiba Sch	neider In
Series Name	
VF-S9	VFS9⊡-
VF-nC1	VFNC1
VF-S11	VFS11
VF-A7	VFA7-
Yaskawa El	ectric
Series Name	0.11
Varispeed G7 Varispeed F7	CIN
VS mini V7	CIM
VS mini J7	CIM
Tei	npei
Chino	pc.
Series Name	Temp
LT	LT2
	L T3
	LT3_
	LT3
	LT4L
	LT4_ LT4_ JU[
JU	JU[
	JU
Fenwal Con	
Series Name AL Series	
Fuji Electric	
Series Name	Temp
Micro Controller-X	PXR
(PXR)	PXR
	PXR
	PXR PXR
	PXR
	PXR
	PXF
OMRON	
Series Name E5_N Digital	Temp E5E
Temperature	E5C
Controller	E5G
Madulas Dural I	E5A
Modular Dual Loop Temperature Controller	E5ZI
RKC Instrur	
Series Name	Ten
CB Series	CR100 F
CB Series	CB100 [CB400 [
CB Series	CB100 [CB400 [CB500 [
CB Series	CB400 [
	CB400 [CB500 [
SR-Mini	CB400 [CB500 [CB700 [CB900 [
SR-Mini SRV	CB400 [CB500 [CB700 [CB900 [
SR-Mini	CB400 [CB500 [CB700 [CB900 [V-TI
SR-Mini SRV	CB400 [CB500 [CB700 [CB900 [V-TI X-TI
SR-Mini SRV SRX	CB400 [CB500 [CB700 [CB900 [V-TI X-TI F400 [F400 [
SR-Mini SRV SRX	CB400 [CB500 [CB700 [CB900 [V-TI X-TI F400 [F400 [F400 [
SR-Mini SRV SRX	CB400 [CB500 [CB700 [CB900 [V-TI X-TI F400 [F400 [F700 [F700 [CB500 [CB900 [
SR-Mini SRV SRX	CB400 [CB500 [CB700 [CB900 [V-TI X-TI F400 [F400 [F700 [
SR-Mini SRV SRX	CB400 [CB500 [CB700 [CB900 [V-TI X-TI F400 [F400 [F700 [F700 [F700 [F700 [F900 [
SR-Mini SRV SRX	CB400 CB500 CB700 CB900
SR-Mini SRV SRX	CB400 CB500 CB700 CB900 CF700 CF700 CF700 CF900
SR-Mini SRV SRX	CB400 CB500 CB700 CB900
SR-Mini SRV SRX REX-F	CB400 CB500 CB700 CB900 CF700 CF700 CF700 CF900
SR-Mini SRV SRX REX-F	CB400 [CB500 [CB700 [CB900 [V-TI X-TI F400 [F400 [F700 [F700 [F700 [F700 [F700 [F900 [F900 [H-F H-F H-F H-F
SR-Mini SRV SRX REX-F	CB400 CB500 CB500 CB500 CB900 CB500
SR-Mini SRV SRX REX-F	CB400 CB500
SR-Mini SRV SRX REX-F	CB400 CB500 CB500 CB900
SR-Mini SRV SRX REX-F	CB400 CB500 CB500 CB700 CB900
SR-Mini SRV SRX REX-F	CB400 CB500 CB500 CB500 CB900 CB500 CB900 CF400
SR-Mini SRV SRX REX-F	CB400 CB500 CB500 CB700 CB900
SR-Mini SRV SRX REX-F	CB400 CB500 CB500 CB500 CB900 CB500 CB900 CF400
SR-Mini SRV SRX REX-F	CB400 CB500 CB500 CB500 CB900
SR-Mini SRV SRX REX-F	CB400 CB500 CB500 CB500 CB900
SR-Mini SRV SRX REX-F	CB400 CB500 CB500 CB700 CB900

VF-A7	VFA7A	•		HA401
Yaskawa El	ectric			HA401
Series Name	Inverters	1:n		HA401-00-00-0
				HA401-00-00-0
/arispeed G7	CIMR-G7A	•	21222	HA401-00-00-0*00-00-08
/arispeed F7	CIMR-F7A	•	SA200	SA200
/S mini V7	CIMR-V7□A□□□□	•	LE100	LE100-\ _*\ 5\ -\ _*
/S mini J7	CIMR-J7 A D	•	· '	*1 MODBUS protocol supported.
			Shimaden	
Ter	mperature Contr	ollers	Series Name	Temperature Controllers
Chino	-		00000	SR253-00-0-00000
Series Name	Temperature Controllers	1:n	SR253	SR253
beries ivallie				SR253
.T	LT23 200- 2	•		SR82-00-0-00-05
	LT23 300- 5	•	SR80	SR82-00-0-00-007
	LT3	•		SR835
	LT3	•		SR83-00-0-00-007
	LT3	•	_	SR84-00-0-00-005
	LT4000R00-000	•	-	SR84-00-0-00-007
	LT40000A00-000	-	-	SR91-□□-□□-□5□
	LT4	•	SR90	SR92-00-0-05[
JU	JUDDDDDDD513		-	SR927
	JU□□□□□□□613	•		SR93-□□-□-□05□
enwal Con	trols of Japan			SR93-□□-□-□07□
Series Name	Temperature Controllers	1:n		SR94-□□-□-□05□
				SR94-□□-□-□07□
AL Series	AL24R-	•	MD	MR1315[
uji Electric			MR13	MR1317[
Series Name	Temperature Controllers	1:n	EDC	FP93
Micro Controller-X	Temperature Controllers PXR3 1-1-1 M00	i:n	FP93	FP93-00-00-0070
Micro Controller-X (PXR)			0= ::-	SD16-00-050
(1 AIV)	PXR3 1- 1- V00	•	SD16	SD16-00-07
	PXR4	•		EM705
	PXR4	•	EM70	EM70-00-0070
	PXR5 1- M00			
	PXR5 1- 1- V00	•	Shinko Tech	nnos
	PXR9 1- M00	•	Series Name	Temperature Controllers
	PXR9□□□1-□□V00	•	С	CPT-20A
OMRON				FCD-13A□□ ,C
Series Name	Temperature Controllers	1:n	FC	FCD-13A,C5
E5_N Digital	E5EN-	•		FCD-15A□□ ,C
Temperature	E5CN-	•		FCD-15A,C5
Controller	E5GN-	•		FCR-13A□□ ,C
	E5AN-	•		FCR-13A,C5
Modular Dual Loop				FCR-15A□□ ,C
Temperature Controller	E5ZN-	•		FCR-15A□□ ,C5
				FIR-201-M□□ ,C
RKC Instrun	nent		FIR	FIR-201-M□□ ,C5
Series Name	Temperature Controllers	1:n	GC	GCS-300□□,C5
	CB100 Z-1021*1	•	FCL	FCL-13A□□,C5
CB Series	CB400 Z-1021*1	•		PC-935□□ ,C
	CB500 Z-1021*1	•	PC-900	PC-935□□ ,C5
	CB700 Z-1021*1	•		PC-955□□ ,C
	CB900 Z-1021*1	•		PC-955□□ ,C5
	CB100**5/_*2	•	PCD-33A	PCD-33A-□/M, □ C5
	CB400**5/_*2	•	JCR-33A	JCR-33A-□/M, C5
	CB500*	•	JCD-33A	JCD-33A-□/M, C5
	CB700	•	JIR-301-M	JIR-301-M, ☐ C5
	CB900**5/_*2	•	DCL-33A	DCL-33A-□/M, □ C5
SR-Mini	H-PCP-A Z-1021*1	•		
SRV	V-TIO-A**1	•	Toho Densh	ni
SRX	X-TIO-A**1	•	Series Name	Temperature Controllers
	F400	•	TTM-004	TTM-004A
REX-F	F400	•	TTM-X04	TTM-X04
	F400	•	TTM-00B	TTM-00B
	F700	•	TTM-10L	TTM-10L
	F700	•	TTM-100B	TTM-100B4-
	F700	•	1 1 1 W - 100B	TTM-100B8-
	F900	•		TTM-114
	F900	•	TTM-110	TTM-115
	F900	•		TTM-117
	H-PCP-J4D**1	•		TTM-119
SR Mini HG	H-PCP-J5D**1	•	TTM-110B	TTM-110B
	H-PCP-J1-D**1	•		TTM-124
	H-PCP-J4-D**1	•	TTM-120	TTM-125
	H-PCP-J5-D**1	•		TTM-127-[]-[]-[]-[]
	MA900-4	•		TTM-129-[]-[][]-[][]
MA900	MA900-4**1	•		TTM-304N
	MA900-4	•	TTM-300	TTM-305-[]-[]N-[][][]
	MA901-8	•		TTM-309-[]-[]N-[][][]
	MA901-8	•	TTM-300B	TTM-300BN
	MA901-8	•		TTM-1520-
	HA900	•	TTM-1020	TTM-1521
HA900	HA900	•		TTM-1522-
	HA900- - - - - - - - -	•		TTM-1523-
	HA900- - - - - - - - - - - -	•		TTM-1523-
	HA901-\ \\ \\ *\ \-\ \-\ \\\\\\\\\\\\\\\	•		TTM-1524-
	HA901	•		TTM-1920-
	HA901	•	-	TTM-1921-
			-	
HA400				
HA400	HA901-0-0-0-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	•	-	TTM-1922-

Series Name	Temperature Controllers	1:n
114 400	HA400*6/_/_*	1 •
HA400	HA400*7/_/_*	1
	HA400*8/_/_/_*	1
	HA401*6/_/_*	1 •
	HA401*8/_//_*	1 •
	HA401*6/_/_*	1
	HA401*7/_/_/_*	1 •
	HA401*8/_/_*	1 •
SA200	SA200	•
LE100	LE100*5*2	•
,	*1 MODBUS protocol supported. *2 RKC	protocol supported
Shimaden		
Series Name	Temperature Controllers	1:n
	SR253-00-0-0000050	•
SR253		

	MODBUS protocol supported. "2 Ri	C protocoi supported
Shimaden		
Series Name	Temperature Controllers	1:n
	SR2535	•
SR253	SR253	•
	SR2537-	•
	SR82	•
SR80	SR8277	•
	SR83	•
	SR83	•
	SR84-00-0-00-00500	•
	SR8477	•
	SR91-□□-□□-□5□	•
SR90	SR92	•
	SR927	•
	SR93-□□-□-□05□	•
	SR93-□□-□-□07□	•
	SR94-□□-□-□05□	•
	SR94-□□-□-□07□	•
MR13	MR13-00-00150	•
IVIR 13	MR13-00-0017	•
FP93	FP93-□□-□□-□5□	•
FP93	FP93-□□-□□-□7□	•
SD16	SD16-□□□-□□5□	•
SD16	SD16-□□□-□□7□	•
EM70	EM70-□□-□□5□	•
EIVI/U	EM707	•
Objete Teel		
Shinko Tech		
Series Name	Temperature Controllers	1:n

Series Name	Temperature Controllers	1:n
С	CPT-20A	•
FC	FCD-13A□□ ,C	•
FC	FCD-13A□□ ,C5	•
	FCD-15A□□ ,C	•
	FCD-15A□□ ,C5	•
	FCR-13A□□,C	•
	FCR-13A□□ ,C5	•
	FCR-15A□□ ,C	•
	FCR-15A□□ ,C5	•
	FIR-201-M□□ ,C	•
FIR	FIR-201-M□□ ,C5	•
GC	GCS-300,C5	•
FCL	FCL-13A□□,C5	•
DO 000	PC-935□□ ,C	•
PC-900	PC-935□□ ,C5	•
	PC-955□□ ,C	•
	PC-955□□ ,C5	•
PCD-33A	PCD-33A-□/M, □ C5	•
JCR-33A	JCR-33A-□/M, C5	•
JCD-33A	JCD-33A-□/M, C5	•
JIR-301-M	JIR-301-M, ☐ C5	•
DCL-33A	DCL-33A-□/M, □ C5	•

	PC-955□□ ,C5	•
PCD-33A	PCD-33A-□/M, □ C5	•
CR-33A	JCR-33A-□/M, C5	•
ICD-33A	JCD-33A-□/M, C5	•
JIR-301-M	JIR-301-M, ☐ C5	•
CL-33A	DCL-33A-□/M, □ C5	•
oho Densh	i ·	
eries Name	Temperature Controllers	1:n
TM-004	TTM-004 A	•
TM-004	TTM-X04	•
TM-00B	TTM-00B-П-ППП	
TM-10L	TTM-10L-□-□-□	•
	TTM-100B4-	•
TM-100B	TTM-100B8-	
	TTM-114	•
ΓTM-110	TTM-115	•
	TTM-117	•
	TTM-119	•
TM-110B	TTM-110B-П-ПП-ППППП-П	•
	TTM-124	•
TM-120	TTM-125	•
	TTM-127	•
	TTM-129	•
	TTM-304 N-	•
TTM-300	TTM-305 N-	•
	TTM-309- N- N-	•
TM-300B	TTM-300BN	•
	TTM-1520-	•
TTM-1020	TTM-1521-	•
	TTM-1522-	•
	TTM-1523-	•
	TTM-1524-	•
	TTM-1525-	•
	TTM-1920-	•
	TTM-1921	•
	TTM-1922-	•
	TTM-1923-	•
	TTM-1924-	•
	TTM-1925-ПП-ПП-ПП-П	

'amatake	
Sorios Namo	

Series Name	Temperature Controllers	1:n
000	SDC20	•
SDC	SDC21	•
	SDC30	•
	SDC31	•
	SDC40A	•
	SDC40B	•
	SDC40G	•
DMC	DMC10	•
	10.0	

Yokogawa M&C

Series Name	Temperature Controllers	1:n
	UT130	•
UT100	UT150	•
	UT152	•
	UT155	•
	UP150	•
UT2000	UT2400-□	•
012000	UT2800-□	•
LITOROGO	UT3040-□□1	•
UT3000	UT3080-□□1	•
	UT3160-□□1	•
ODEEN OFFICE	UT320-□1	•
GREEN SERIES	UT350-□1	•
	UT420-□7	•
	UT450-□1	•
	UT450-□2	•

Servos

Matsushita Electric

Series Name	Servos	1:n
MINAS-A	M_DA	•
MINAS-S	MUDS	•

Analyzer

Γ Engineering					
Series Name	Analyzer	1:n			
E 70	IE 70				

■ Bar-Code Readers

2-D Code Reader (Connected to Expansion Serial Interface)			
	Series Name		
Tohken	THIR-3000		
	THIR-3000H		
Denso	QS20H		
	OS20H-I		

Bar Code Readers (Connected to Tool Connector)

	Series Name	Туре	
Aimex	BR-331 PC2	Pen	
OPTO	OPT-1105-RSK 98 Set	Touch Scanner (Read Width: 60mm)	
Electronics	OPT-5105-RSK 98 Set	et Touch Scanner (Read Width: 80mm)	
Licotronics	OPL-6735-RSK 98 Set	Touch Scanner (Read Width: 100mm)	
T-1-1	TCD-5510M	Touch Scanner (Read Width: 65mm)	
Tohken	TCD-5510L	Touch Scanner (Read Width: 82mm)	
	TCD-5510W	Touch Scanner (Read Width: 105mm)	
NEC	BCK5435-STA	Touch Scanner (Read Width: 56mm) *1*2	
Infrontia	BCK5535-STA	Touch Scanner (Read Width: 85mm) *1*2	

Bar-Code Readers (Connected to Expansion Serial Connector)				
	Series Name Type			
Aimex	BR-730RS	Pen		
Airriex	BR-530RS	Pen		
	BW-665RS	Touch Scanner (Read Width: 65mm)		
OPTO	OPT-1125-RS232C-K	Touch Scanner (Read Width: 60mm)		
Electronics	OPT-5125-RS232C-H	Touch Scanner (Read Width: 80mm)		
	NFT-7175-L-RS232C	Fixed Type (Read width: 60mm)		
0	LS4004	Laser Scanner		
Symbol Technology	LS4004i	Laser Scanner		
recimology	LS6004	Laser Scanner		
	LSH3502AHV	Laser Scanner		
Keyence	BL-80R	Touch Scanner (Read Width: 105mm)		
Denso	HC36TR	Touch Scanner (Read Width: 61mm)		
Deliso	HC61TR	Touch Scanner (Read Width: 61mm)		

Speakers

	Series Name	Connection Port		
Arrow	NS-38	SP OUT, GND		
Electronics	NS-105	3F 001, GND		
Noboru Electric	NP-110			
	FA-101			
	NAC-2031B			
*GP2600/2500/2400 Sorios only				

"GP2600/2500/2400 Series only.

The equipment in the above list is supported by "2000 series" or newer GP models. Some of this equipment is not supported by earlier GP models. There are also precautions and other information related to their connection. For details, please refer to the Device/PLC Connection Manual

*New equipment is being added to this list regularly. Please consult your Pro-face sales representative for the latest information.

*n::(Multi-Ink) = multiple GPs::1PLC *1:n=1 GP::multiple PLCs *n:m = multiple GPs::multiple PLCs

*Some usage restrictions exist for Pro-Server. Please refer to the Pro-Server User's Manual for details.

EASY SCREEN CREATION & LOGIC PROGRAM DEVELOPMENT

Screen Editor and Logic Program Development Software

Stop

(CINES)

GP/PRO/PBIII-C-Package







High Visibility Menu Screen. **Easy Programming for Beginners.** The Parts Palette and Editor Screen now

appear in the same screen, so you can place parts quickly and easily by simply dragging them from the palette and dropping them on the screen. Positioning the cursor over a tag icon also brings up an explanation of that tag's operation, to help you create and edit screens.

Flexible screen design using tags

- Simultaneously display up to three windows. (Two U tag windows, three windows in total)
- Display the alarm history (Q tag).
- Easy, panel-touch operation setting (T tag).

Attractive Fonts

Windows font display

Windows fonts can be displayed as bitmap data on the GP screen just as you want them.

Integral-multiple fonts

Now you can enlarge fonts in the usual scaling factors of 1, 2, 4 and 8, and in any magnification rate between 1 and 8. This lets you precisely adjust character size to match your layout.



Beautiful Graphics

Select from 1.200 image

Create screens quickly and easily by simply arranging parts and marks selected from 1,200 available types.



Create and use your own BMP parts

Create your own parts or use parts created in the past.



Illustrations



Photos Logos

Worldwide Compatibility

Touch panel language switching

By simply presetting a multiple language table on the touch panel, you can switch the text display with a single touch during operation. The import/export function for multiple language tables lets you easily input and translate CSV files.



EASY SCREEN CREATION

Time Scheduling

This function makes it easier to set up devices and handle routine tasks.

Bit On/Off and word setting can be scheduled by day of the week or for a specific time. The weekly and time setting can also be changed on the display device.



Improved Keypad **Display Function**

We expanded the setting parameter display function for more efficient onscreen input.

- Touch input for input mode activation.
- A sequence designation function for inputting multiple items (with the group function).
- Designation of the change notification bit for individual setting parameter displays.
- A more flexible arrangement for the popup keyboard.



Improved Editing

We made about 30 improvements to further enhance usability and convenience.

Security Level Function

Restrict user access depending by operator level.

Use the 15-level password protection function to restrict access to specific screens, such as management and maintenance screens.

This protection function helps to improve screen security, which also means greater safety for machines that are unattended or installed off-site.



Expanded Alarm Summary **Display Function Using Q Tags**

We expanded and improved the Q tag function for alarm display.

- Generation count, cumulative time and level information added.
- Alarm sorting function (by date, generation count, etc.).
- The number of blocks were increased from the previous 3 to 8.
- Different colors for different level messages.

Text Screen's Multi-language **Function**

The text screen now supports multiple languages. A and X tags can be used to display different languages.

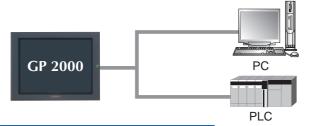


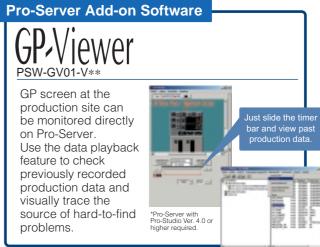
Upgrade Points - **C** - Package 03 **REAL-TIME DATA COLLECTION**

Data Collection Software PSW-FD01-V**



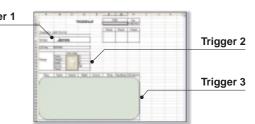
Data from the production sites can be collected by Pro-Server and sent to various PC applications in real-time. Automatic collection of production data makes great support for improving both productivity and quality.





NEW EXCEL REPORT

Use multiple provider triggers to collect data on a single sheet



- Update data with the Excel window open.
- Paste not only device values but also text strings and JPEG images from logging, trend and other stored data.
- Use delivery triggers to switch or print worksheets and books.

DEVICE VIEWER

View past or present production data as easily as you would view a video.

Automatically records and collects production data, for immediate playback of either past or present line operating conditions.

- Immediately send out orders from your office to the factory.
- Alert control staff to important alarms.
- Share Device/PLC Data Regardless of the Manufacturer.
- Remote Screen Image Capturing.
- Re-use Collected Data in Other Software Applications. (Excel, SCADA, OPC, SQL, DDE, API)

REMOTE MONITORING

Web Operation Software GW-CJ01-V**



The GP screen can be remotely monitored on a Web browser, saving both time and costs.

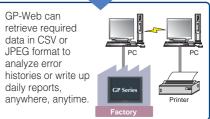
- Access a wide variety of vital production data from remote locations.
- Just connect GP-PRO/PBIII data without special programming.
- Monitor production conditions anytime, anywhere.

Check the conditions in real-time

Using GP-Web, data from distant production sites can show actual conditions in real-time



Create documents anywhere!



With complete grasp of the system status at your fingertips, you can save time going to the site for troubleshooting



Troubleshoot from a distance!

Share General-Purpose Data for Editing

TXT Notepad, Wordpad

DXF AutoCAD* (Autodesk)

CSV Excel (Microsoft) **BMP/JPG** Photoshop (Adobe)

RTF Word (Microsoft)

Media Player (Microsoft

WAV

* Can be used for a Belease 12 program

GP-PRO/PBIII C-Package03 Software Environment Specifications

Product No.	PC	Screen Resolution	Hard Disk Space	Memory	Drive Type	os	Network Protocol
GPPRO-CNT01W-P03	Windows® compatible PC with Intel PentiumII 266MHz or faster.	SVGA (800 x 600 pixels) or higher	Minimum: 85 MB Recommended: 215 MB or more	Minimum: 32MB Recommended: 64MB or more	Drive	Windows® 95/98/2000/Me/XP Windows NT® (4.0 or later) (Windows NT® 4.0: Service Pack 3 or later)	TCP/IP (Set from the control panel)

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Accessories

NETWORK INTERFACE UNITS The background color of each cell shows the connectability of the unit to a GP in each of the GP Series system designs









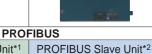


Bus Conversion Unit for GP-2600/2500/2601/2501 Series PSL-CONV00 C€ ® .®

DeviceNet Slave Unit*1 CA1-DNSALL-21 C€

DeviceNet DeviceNet Slave Unit*2 GP070-DN41 (€ ® .®

PROFIBUS Slave Unit*1 CA1-PFSALL-21 (€



GP070-PF11





INTERBUS INTERBUS Slave Unit*2 GP070-IB41 (€ ® .®

T-Link T-Link I/F Unit*2 GP450-7B21

Ethernet Ethernet I/F Unit*2 GP070-ET41 (€ ® .®

CANopen CANopen Slave Unit*1 CA1-COSALL-21 (€

MELSECNET MELSECNET/10 Unit*2 (Optical loop type) GP070-MNL11









Video-mix Unit for GP-2600T, 2500T GP2000-VM41 C€ ® ⋅®



for GP-2601/2501 Series **GP077-MLTE41 (€ (%) (%)**



for GP-2601/2501 Series GP077-MLTS11

OPTIONAL ITEMS



GPW-CB02

GP070-MNB11









Multi-link Cable

GP230-IS12-O









CPU I/F Cable for Mitsubishi PLC FX Series GP2000-CBLFX/1M-01 GP2000-CBLFX/5M-01



RS-422 cable (5m)

for the Two-port

GP070-MDCB11



On A. FX Series

GP070-MD11







PSM-PRCB00

GP410-IS00-O



GP000-IS11-O



CA3-CFCALL/ MB-01

□□···· 64 (64MB)/128 (128MB)

56MB)/512 (512MB

GP070-CN10-O



GP077-CFAD10

A, QnA Series

GP430-IP10-O



CF Card Front Maintenance Unit

Backlight*	Installation Gasket	Connector Cover	Screen Protection Sheet
PS600-BU00 (For GP-2600T, 2601T)	GP570-WP10-MS	PS-BH00	PSL-DF00
GP577RT-BL00-MS (For GP-2500T, 2501T)	(For GP-2600T, 2500T/S/L, 2601T, 2501T/S)	Installation Fastener	(For GP-2600T, 2500T/S/L, 2601T, 2501T/S)
PS500S-BU00 (For GP-2500S) PS501S-BU00 (For GP-2501S)	PS400-WP00-MS (For GP-2400T, 2401T)	GP070-AT01	PS400-DF00 (For GP-2400T, 2401T)
PS400-BU00-MS (For GP-2400T, 2401T)	PS300-WP00	Screw Lock Terminal Block	PS300-DF00
PS300-BU00 (For GP-2300L, 2301S/L)	(For GP-2300 Series)	GPM-AXCN01 (For GP-2601T, 2501T/S/L, 2401T)	(For GP2300 Series)

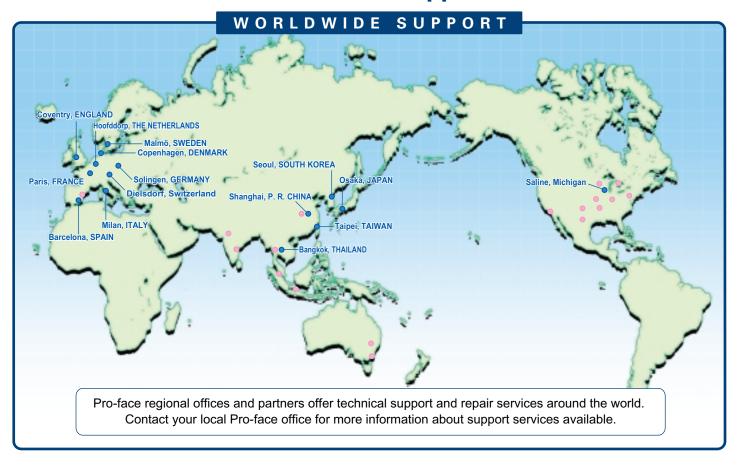
^{*} The GP-2500L/2501L/2300T/2301T's backlights cannot be replaced by the user.
When the backlights need to be replaced, please contact your local GP distributor

OPTIONAL ITEMS FOR HAND-HELD MODELS

RS-232C Open-end Cable (3m)	RS-232C Cable with D-sub (3m)	RS-232C Adapter	RS-422 Open-end Cable (3m)	RS-422 Cable with D-sub, (3m)	RS-422 Adapter
GP2000H-C232-3M	GP2000H-D232-3M	GP2000H-AP232	GP2000H-C422-3M	GP2000H-D422-3M	GP2000H-AP422
RS-232C Open-end Cable (10m) GP2000H-C232-10M	RS-232C Cable with D-sub (10m) GP2000H-D232-10M		RS-422 Open-end Cable (10m) GP2000H-C422-10M	RS-422 Cable with D-sub, (10m) GP2000H-D422-10M	

Accessories 24

Smooth system integration of Pro-face products is assured with a total support network.





www.pro-face.com

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Conformity with International Safety Standards





Caution: Before operating any of these products, please be sure to read all related manuals thoroughly.

- For printing purposes, the colors in this catalog may differ from those of the actual unit.
- Actual user screens may differ from the screens shown here
- LCD screens may exhibit minute grid-points (light and dark) on the Display Panel surface. Also,
 "Contouring" where some parts of the screen are brighter than others, producing a wavelike pattern
 may occasionally occur. Both are normal for an LCD display and are not defects.
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^{*1} To be sold at only Pro-face Europe B.V.. For further information, please contact Pro-face Europe B.V..
*2 When using a GP70/77R Series Expansion Unit with GP-2600/2500/2601/2501 Series Unit, the optional

Bus Conversion Unit (PSL-CONV00) is required. There Unit are not support with GP-2400/2300/2401/2301 Series.

*3 Bus Conversion Unit (PSM-CONV00) is required. Be careful when installing, because this unit will protrude from the main body