CJ1W-OC/OA/OD

CSM_CJ1W-OUTPUT_DS_E_8_12

A Wide Range of Basic Output Units for High Speed Output and Different Applications

- These Output Units receive the results of output instructions from the CPU Unit and perform ON/OFF control for external devices.
- High-speed Output models CJ1W-OD213 and CJ1W-OD234 can help to increase system throughput.





CJ1W-OD213

CJ1W-OD234

Features

- High-speed output models are available, meeting versatile applications.
 ON Response Time: 15μs, OFF Response Time: 80μs
- . Output Units are available with any of three output types: relay contact outputs, triac outputs, or transistor outputs.
- For transistor outputs, select from sinking outputs or sourcing outputs.
- Output Units with load short-circuit protection are also available. *1
- Select the best interface for each application: Fujitsu / OTAX connectors or MIL connectors. *2
- A wide variety of Connector-Terminal Block Conversion Units are available to allow you to easily wire external output devices.
- *1. The following Units have load short-circuit protection: CJ1W-OC202, CJ1W-OD204, CJ1W-OD212, and CJ1W-OD232.
- *2. Available for models with 32 outputs or 64 outputs



Ordering Information

International Standards

- The standards are abbreviated as follows: U: UL, U1: UL (Class I Division 2 Products for Hazardous Locations), C: CSA, UC: cULus, UC1: cULus (Class I Division 2 Products for Hazardous Locations), CU: cUL, N: NK, L: Lloyd, and CE: EC Directives.
- Contact your OMRON representative for further details and applicable conditions for these standards.

Output Units

Unit type	Product			Specifications	No. of words	Current consumption (A)		Model	Standards		
	name	Output type	I/O points	Maximum switching capacity	Commons	External connection	allocated	5 V	24 V		
	Relay Contact Output Units	-	8 outputs	250 VAC/24 VDC, 2 A	Independen t contacts	Removable terminal block	1 words	0.09	0.048 max.	CJ1W-OC201	
	G Lands of the Control of the Contro	-	16 outputs	250 VAC/24 VDC, 2 A	16 points, 1 common	Removable terminal block	1 words	0.11	0.096 max.	CJ1W-OC211	
	Triac Output Unit										
	80,000	_	8 outputs	250 VAC, 0.6 A	8 points, 1 common	Removable terminal block	1 words	0.22	_	CJ1W-OA2 01	UC1, N, L, CE
	VIII I										
		Sinking	8 outp uts	12 to 24 VDC, 2 A	4 points, 1 common	Removable terminal block	1 words	0.09	_	CJ1W-OD201	
	Transistor Output Units	Sinking	8 outputs	12 to 24 VDC, 0.5 A	8 points, 1 common	Removable terminal block	1 words	0.10	-	CJ1W-OD203	
		Sinking	16 outputs	12 to 24 VDC, 0.5 A	16 points, 1 common	Removable terminal block	1 words	0.10	_	CJ1W-OD21 1	
CJ1 Basic		Sinking	16 outputs (High speed)	24 VDC, 0.5 A	16 points, 1 common	Removable terminal block	1 words	0.15	_	CJ1W-OD21 3	N, L, CE
/O Units		Sinking	32 outputs	12 to 24 VDC, 0.5 A	16 points, 1 common	Fujitsu / OTAX connector	2 words	0.14	-	CJ1W-OD231	UC1, N, L,
		Sinking	32 outputs	12 to 24 VDC, 0.5 A	16 points, 1 common	MIL connector	2 words	0.14	-	CJ1W-OD233	CE
		Sinking	32 outputs (High speed)	24 VDC, 0.5 A	16 points, 1 common	MIL	2 words	0.22	_	CJ1W-OD23 4	N, L, CE
		Sinking	64 outputs	12 to 24 VDC, 0.3 A	16 points, 1 common	Fujitsu / OTAX connector	4 words	0.17	_	CJ1W-OD261	
		Sinking	64 outputs	12 to 24 VDC, 0.3 A	16 points, 1 common	MIL connector	4 words	0.17	-	CJ1W-OD263	
		Sourcing	8 outputs	24 VDC, 2 A Short-circuit protection	4 points, 1 common	Removable terminal block	1 words	0.11	-	CJ1W-OD202	
		Sourcing	8 outputs	24 VDC, 0.5 A Short-circuit protection	8 points, 1 common	Removable terminal block	1 words	0.10	-	CJ1W-OD204	UC1, N, L, CE
		Sourcing	16 outputs	24 VDC, 0.5 A Short-circuit protection	16 points, 1 common	Removable terminal block	1 words	0.10	-	CJ1W-OD212	
		Sourcing	32 outputs	24 VDC, 0.5 A Short-circuit protection	16 points, 1 common	MIL connector	2 words	0.15	_	CJ1W-OD232	
		Sourcing	64 outputs	12 to 24 VDC, 0.3 A	16 points, 1 common	MIL connector	4 words	0.17	-	CJ1W-OD262	

Accessories

Connectors are not included for models with connectors. Either use one of the applicable connector listed below or use an applicable Connector-Terminal Block Conversion Unit or I/O Relay Terminal. For details on wiring methods, refer to *External Interface*.

Applicable Connectors Fujitsu / OTAX Connectors for 32-input, 32-output, 64-input, 64-output, 32-input/32-output, and 16-input/16-output Units

Name	Connection		Remarks	Applicable Units	Model	Standards	
	Soldered	Connector Connector Cover	Fujitsu FCN-361J040-AU Fujitsu FCN-360C040-J2 OTAX N360C040J2	Fujitsu / OTAX Connectors:	C500-CE404		
40-pin Connectors	Crimped	Housing Contactor Connector Cover	Fujitsu FCN-363J040 OTAX N363J040 Fujitsu FCN-363J-AU OTAX N363JAU Fujitsu FCN-360C040-J2 OTAX N360C040J2	CJ1W-ID231(32 inputs): 1 per Unit CJ1W-ID261 (64 inputs): 2 per Unit CJ1W-OD231 (32 outputs): 1 per Unit CJ1W-OD261 (64 outputs): 2 per Unit CJ1W-MD261 (32 inputs, 32 outputs): 2 per Unit	C500-CE405		
	Pressure welded	Fujitsu FCN-367J	040-AU/F		C500-CE403		
	Soldered	Connector Connector Cover	Fujitsu FCN-361J024-AU Fujitsu FCN-360C024-J2 OTAX N360C024J2		C500-CE241	-	
24-pin Connectors	Crimped	Socket		Fujitsu / OTAX Connectors: CJ1W-MD231 (16 inputs, 16 outputs): 2 per Unit	C500-CE242		
	Pressure welded	Fujitsu FCN-367J OTAX N367J024			C500-CE243		

MIL Connectors for 32-input, 32-output, 64-input, 64-output, 32-input/32-output, and 16-input/16-output Units

Name	Connection	Remarks	1	Applicable Units	Model	Standards	
40-pin	Pressure welded	FRC5-AO40-3TOS		MIL Connectors: CJ1W-ID232/233 (32 inputs): 1 per Unit CJ1W-OD232/233/234 (32 outputs):1 per Unit	XG4M-4030-T		
Connectors	Crimped	_		CJ1W-ID262 (64 inputs): 2 per Unit CJ1W-OD262/263 (64 outputs): 2 per Unit CJ1W-MD263/563 (32 inputs, 32 outputs): 2 per Unit	XG5N-401*		
20-pin	Pressure welded	FRC5-AO20-3TOS		MIL Connectors:	XG4M-2030-T		
Connectors	Crimped	- /		CJ1W-MD232/233 (16 inputs, 16 outputs): 2 per Unit	XG5N-201*	_	

^{*} Crimp Contacts are also required. Refer to page 31 for details.

Applicable Connector-Terminal Block Conversion Units

	Number of			Wiring	Terminal		Size			nting	Common			
Type	Series	connector poles	terminal block poles	method	type	Depth (mm)	Height (mm)	Width (mm)	DIN Track	Screws	terminals	I/O Units	Model*	Standards
				Push-In Plus								CJ1W-OD231 CJ1W-OD261	XW2K-40G-O32B	
	40 XW2K	40	40 36		Spring	75	39	40.8			No	CJ1W-OD232 CJ1W-OD233 CJ1W-OD234 CJ1W-OD262 CJ1W-OD263	XW2K-40G-O32C	
	40			Push-In Plus					Yes			CJ1W-OD231 CJ1W-OD261	XW2K-40G-O32B-OUT	
PLCs		40	68	asi-iii las	Spring	124	39	40.8		_	Yes	CJ1W-OD232 CJ1W-OD233 CJ1W-OD234 CJ1W-OD262 CJ1W-OD263	XW2K-40G-O32C-OUT	
1 203				Phillips screw M3 130.7 50 48.05					163			CJ1W-OD231 CJ1W-OD261	XW2R-J34GD-C3	
	VM2D	40	34		No		CJ1W-OD232 CJ1W-OD233 CJ1W-OD234 CJ1W-OD262 CJ1W-OD263	XW2R-J34GD- C4						
	XW2R			Slotted screw								CJ1W-OD231 CJ1W-OD261	XW2R-E34GD-C3	
		40	34	(rise up)	M3 (European type)	98.5	50 44	44.81	1		No	CJ1W-OD232 CJ1W-OD233 CJ1W-OD234 CJ1W-OD262 CJ1W-OD263	XW2R-E34GD-C4	

Note: For the combination of I/O Units with Connector-Terminal Block Conversion Units, refer to 2. Connecting Connector-Terminal Block Conversion Units.

* Representative models only. For details, refer to the XW2K series Datasheet (Cat. No. G152) and XW2R Datasheet.

Connecting Cables for Connector-Terminal Block Conversion Units

Appearance	Connectors	Cable lenght [m]	Model
XW2Z-□□B		0.5	XW2Z-050B
		1	XW2Z-100B
	One 40 nin ECN Composter to One 40 nin MIL Composter	1.5	XW2Z-150B
	One 40-pin FCN Connector to One 40-pin MIL Connector	2	XW2Z-200B
		3	XW2Z-300B
200		5	XW2Z-500B
(W2Z-□□□K		0.5	XW2Z-C50K
		1	XW2Z-100K
	One 40 nin MII. Connector to One 40 nin MII. Connector	1.5	XW2Z-150K
	One 40-pin MIL Connector to One 40-pin MIL Connector	2	XW2Z-200K
		3	XW2Z-300K
		5	XW2Z-500K

Applicable I/O Relay Terminals

		Specifications					, 5,			Mou	nting							
Туре	Series	Classi	ification	Polarity	Number of points	Rated ON current at contacts	Rated voltage	Horizontal (mm)	Vertical (mm)	Height (mm)	DIN Track	Screws	Model	Standards				
				NPN									G70V-SID16P *4					
			DC	PNP	16	•	mA						G70V-SID16P-1 *4					
Duch In	G70V Push-In	Inputs	inputs	NPN	(SPSTNO × 16)	50 mA							G70V-SID16P-C16 *5	-				
Plus			PNP			041/700	142			V	V	G70V-SID16P-1-C16 *5	UC, CE					
terminal	al			NPN			24 VDC	143	90	56	Yes	Yes	G70V-SOC16P *4	(TÜV certified)				
block		0.4	Relay	PNP	16	6 6 A/point,							G70V-SOC16P-1 *4	1 ′				
		Outputs	outputs	NPN	(SPDT × 16) 10 A	common							G70V-SOC16P-C4 *6					
				PNP									G70V-SOC16P-1-C4 *6					
			AC				100/(110) VAC						G7TC-IA16 AC100/110					
			inputs				200/(220) VAC						G7TC-IA16 AC200/220	1				
		Inputs	Inputs	Inputs		NPN	16 (SPSTNO × 16)	1A	12 VDC	182					G7TC-ID16 DC12			
	G7TC		DC		(01 0 1140 × 10)		24 VDC						G7TC-ID16 DC24	•				
Standard Standard		inputs				100/110 VDC						G7TC-ID16 DC100/110	U, C					
				8		12 VDC	100	85	68	Yes	No	G7TC-OC08 DC12						
	A amminum	Outnuto	Outputo			(SPSTNO × 8)		24 VDC	102					G7TC-OC08 DC24	,, -			
				Outside	Outrot	Outrot	Outro	0	Relay	NPN	16		12 VDC					
		Outputs	outputs		(SPSTNO × 16)	5A	24 VDC	400					G7TC-OC16 DC24	Í				
					16		12 VDC	182					G7TC-OC16-1 DC12					
				PNP	(SPSTNO × 16)		24 VDC						G7TC-OC16-1 DC24					
High-	G70A *1 (Socket only)	Inputs	Relay inputs	NPN/ PNP	16 (SPDT × 16	100 mA	110 VDC max., 240 VAC max. *2						G70A-ZOC16-5	U, C, CE				
capacity socket	16	0.44.	Relay	NPN	possible with G2R Relays)	10 A (Ter- minal	241472	234	75	64	Yes	No	G70A-ZOC16-3	(VDE certified)				
		Outputs	outputs	PNP		block al- lowable	24 VDC						G70A-ZOC16-4					
	Vertical type G70D-V		Relay outputs			5 A or 3 A *3							G70D-VSOC16	0. 05				
			MOSFET relay outputs	NPN	16 (SPSTNO × 16)	0.3 A		135	46	81	Yes	Yes	G70D-VFOM16	U, C, CE (VDE certified)				
Space- saving	Flat type G70D	Outputs		NPN	8 (SPSTNO×8)	5 A	24 VDC	68	93	44			G70D-SOC08					
Saving	HAMMA		Relay outputs	IN IN	16 (SPSTNO × 16)	3 A							G70D-SOC16					
	Without .			PNP	16 (SPSTNO × 16)	3 A		156	51	39	Yes	Yes	G70D-SOC16-1	_				
	n's west to the		MOSFET	NPN	16	0.0.4							G70D-FOM16					
	THE WHITE		relay outputs	PNP	(SPSTNO × 16)	0.3 A							G70D-FOM16-1 *7					
High- capacity, space- saving	G70R	Outputs	Relay outputs	NPN	8 (SPSTNO×8)	10 A	24 VDC	136	93	55	Yes	Yes	G70R-SOC08 *7	_				

^{*1.} G70A is a I/O terminal socket product. Relay is not provided with the socket. Be sure to order a relay, timer separately.

^{*2.} Each relay to be mounted must incorporate a coil that has proper specifications within the maximum rated voltage range.

*3. Eight or fewer points ON: 5 A, Nine or more points ON: 3 A.

^{*4.} Internal common at terminal block: No internal connections

^{*5.} Internal common at terminal block: Internal IO common 16 points internally connected

^{*6.} Internal common at terminal block: Every 4 points internally connected at terminal block middle row.

^{*7.} Product no longer available to order.

Note: 1. For the combination of Input Units with I/O Relay Terminal and Connecting Cables, refer to 3. Connecting I/O Relay Terminals.

^{2.} Please refer to each Datasheet about details.

^{3.} When the G7TC is used with an AC rated voltage, three rated currents can be used. If a coil voltage of 110 or 220 VAC is used, 50 Hz cannot be used.

Cables for I/O Relay Terminals

Туре	Name	I/O Classification	Appearance	Cable leng	gth L (mm)	Models
			A side B side	1,0	000	XW2Z-R100C
	Cables with Connectors	16 I/O points	Device end I/O Relay Terminal	1,5	500	XW2Z-R150C
Fujitsu/OTAX connectors (24 pins)	(1:1)			2,0	000	XW2Z-R200C
ornicotors (24 pins)	XW2Z-R□C			3,0	000	XW2Z-R300C
				5,0	000	XW2Z-R500C
			A side B side	(A) 1,000	(B) 750	XW2Z-RI100C-75
			Device end I/O Relay Terminal	(A) 1,500	(B) 1,250	XW2Z-RI150C-125
		32 input points	(A)	(A) 2,000	(B) 1,750	XW2Z-RI200C-175
	Cables with Connectors			(A) 3,000	(B) 2,750	XW2Z-RI300C-275
ujitsu/OTAX	(1:2)			(A) 5,000	(B) 4,750	XW2Z-RI500C-475
onnectors (40 pins)				(A) 1,000	(B) 750	XW2Z-RO100C-75
· · /	XW2Z-RI□C-□ XW2Z-RO□C-□		(120)	(A) 1,500	(B) 1,250	XW2Z-RO150C-125
	XW2Z-ROLIC-LI	32 output points		(A) 2,000	(B) 1,750	XW2Z-RO200C-175
			(B) →	(A) 3,000	(B) 2,750	XW2Z-RO300C-275
			Straight length (without bends)	(A) 5,000	(B) 4,750	XW2Z-RO500C-475
	Cables with Connectors		A side B side	25	50	XW2Z-RI25C
	(1:1)	16 I/O points	Device end I/O Relay Terminal	50	00	XW2Z-RI50C
IIL connectors (20 pins)	XW2Z-RI□C			25	50	XW2Z-RO25C
	XW2Z-RO□C			50	00	XW2Z-RO50C
				(A) 500	(B) 250	XW2Z-RO50-25-D1
				(A) 750	(B) 500	XW2Z-RO75-50-D1
			A side B side	(A) 1,000	(B) 750	XW2Z-RO100-75-D1
			Device end I/O Relay Terminal	(A) 1,500	(B) 1,250	XW2Z-RO150-125-D1
			(A)	(A) 2,000	(B) 1,750	XW2Z-RO200-175-D1
	Cables with Connectors			(A) 3,000	(B) 2,750	XW2Z-RO300-275-D1
IIL connectors (40 pins)	(1:2)	20 I/O mainta		(A) 5,000	(B) 4,750	XW2Z-RO500-475-D1
il connectors (40 pins)	XW2Z-RO□-□-D1,	32 I/O points		(A) 500	(B) 250	XW2Z-RI50-25-D1
	XW2Z-RI□-□-D1		(120)	(A) 750	(B) 500	XW2Z-RI75-50-D1
				(A) 1,000	(B) 750	XW2Z-RI100-75-D1
			← (B) →	(A) 1,500	(B) 1,250	XW2Z-RI150-125-D1
			Straight length (without bends)	(A) 2,000	(B) 1,750	XW2Z-RI200-175-D1
				(A) 3,000	(B) 2,750	XW2Z-RI300-275-D1
				(A) 5,000	(B) 4,750	XW2Z-RI500-475-D1

Note: Refer to the Datasheet for the XW2Z-R Cables for I/O Relay Terminals (Cat. No. G126).

Mountable Racks

	NJ s	ystem	CJ system	(CJ1, CJ2)	CP1H system	NSJ sy	/stem*
Model	CPU Rack	Expansion Rack	CPU Rack	Expansion Backplane	CP1H PLC	NSJ Controller	Expansion Backplane
CJ1W-OC201							
CJ1W-OC211							
CJ1W-OA201							
CJ1W-OD201							
CJ1W-OD203							
CJ1W-OD211							
CJ1W-OD213							
CJ1W-OD231		10 Units		10 Units			10 Units
CJ1W-OD233	10 Units	(Per Expansion	10 Units	(Per Expansion	Not Supported	Not Supported	(Per Expansion
CJ1W-OD234		Rack)		Backplane)			Backplane)
CJ1W-OD261							
CJ1W-OD263							
CJ1W-OD202							
CJ1W-OD204							
CJ1W-OD212	1						
CJ1W-OD232							
CJ1W-OD262	1						

^{*} Product no longer available to order.

Specifications

CJ1W-OC201 Contact Output Unit (Independent Relays, 8 Points)

Name	8-point Contact Output Unit with Terminal Block (Independent Relays)						
Model	CJ1W-OC201						
Max. Switching Capacity	2 A 250 VAC (cosφ = 1), 2 A 250 VAC (cosφ = 0.4), 2 A 24 VDC (16 A/Unit)						
Min. Switching Capacity	1 mA 5 VDC						
Relays	NY-24W-K-IE (Fujitsu Takamizawa Components, Ltd.), Cannot be replaced.						
Service Life of Relay	Electrical: 150,000 operations (24 VDC, resistive load)/100,000 operations (240 VAC, cosφ = 0.4, inductive load) Mechanical: 20,000,000 operations Service life will vary depending on the connected load.						
ON Response Time	15 ms max.						
OFF Response Time	15 ms max.						
Number of Circuits	8 independent contacts						
Insulation Resistance	20 M Ω between external terminals and the GR terminal (500 VDC)						
Dielectric Strength	2,000 VAC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max.						
Internal Current Consumption	90 mA 5 VDC max. 48 mA 24 VDC max. (6 mA × No. of ON points)						
Weight	140 g max.						
Circuit Configuration	Output indicator The signal names of the terminals are the device variable names. The device variable names are the names that use "Jxx" as the device name.						
External connection and terminal-device variable diagram	Signal Connec- name Jxx Ch1 Out00 A0 B0 Jxx Ch1 Out00 L Jxx Ch1 Out01 A1 B2 Jxx Ch1 Out02 L Jxx Ch1 Out02 A2 B3 Jxx Ch1 Out02 L Jxx Ch1 Out04 A4 B4 Jxx Ch1 Out04 L Jxx Ch1 Out05 L Jxx Ch1 Out05 L Jxx Ch1 Out06 A6 B5 Jxx Ch1 Out05 L Jxx Ch1 Out07 A7 NC A8 B8 Jxx Ch1 Out07 L NC A8 B7 NC • The signal names of the terminals are the device variable names.						

^{*} Terminal numbers A0 to A8 and B0 to B8 are used in the external connection and terminal-device variable diagrams. They are not printed on the Units

CJ1W-OC211 Contact Output Unit (16 Points)

6-point Contact Output Unit with Terminal Block 3/1W-OC211 A 250 VAC (cosφ = 1), 2 A 250 VAC (cosφ = 0.4), 2 A 24 VDC (8 A/Unit) mA 5 VDC IY-24W-K-IE (Fujitsu Takamizawa Components, Ltd.), Cannot be replaced. Electrical: 150,000 operations (24 VDC, resistive load)/ 100,000 operations (250 VAC, cosφ = 0.4, inductive load) (echanical: 20,000,000 operations service life will vary depending on the connected load. 5 ms max. 5 ms max. 6 points/common, 1 circuit 0 MΩ between external terminals and the GR terminal (500 VDC) 0,000 VAC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max. 10 mA 5 VDC max. 6 mA 24 VDC max. (6 mA × No. of ON points) 70 g max.
A 250 VAC (cosφ = 1), 2 A 250 VAC (cosφ = 0.4), 2 A 24 VDC (8 A/Unit) mA 5 VDC IY-24W-K-IE (Fujitsu Takamizawa Components, Ltd.), Cannot be replaced. Electrical: 150,000 operations (24 VDC, resistive load)/ 100,000 operations (250 VAC, cosφ = 0.4, inductive load) Mechanical: 20,000,000 operations Service life will vary depending on the connected load. 5 ms max. 5 ms max. 6 points/common, 1 circuit 0 MΩ between external terminals and the GR terminal (500 VDC) 0,000 VAC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max. 10 mA 5 VDC max. 6 mA 24 VDC max. (6 mA × No. of ON points) 70 g max.
mA 5 VDC IY-24W-K-IE (Fujitsu Takamizawa Components, Ltd.), Cannot be replaced. Electrical: 150,000 operations (24 VDC, resistive load)/ 100,000 operations (250 VAC, cosφ = 0.4, inductive load) dechanical: 20,000,000 operations dervice life will vary depending on the connected load. 5 ms max. 5 ms max. 6 points/common, 1 circuit 0 MΩ between external terminals and the GR terminal (500 VDC) ,000 VAC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max. 10 mA 5 VDC max. 6 mA 24 VDC max. (6 mA × No. of ON points) 70 g max. Signal name Jxx_Ch1_Out00 to
IY-24W-K-IE (Fujitsu Takamizawa Components, Ltd.), Cannot be replaced. Electrical: 150,000 operations (24 VDC, resistive load)/ 100,000 operations (250 VAC, cosφ = 0.4, inductive load) Mechanical: 20,000,000 operations Electrical: 150,000,000 operations Electrical: 150,000 operations (250 VAC, cosφ = 0.4, inductive load) Mechanical: 20,000,000 operations Electrical: 150,000 operations (250 VAC, cosφ = 0.4, inductive load) Electrical: 150,000 operations (250 VAC, cosφ = 0.4, inductive load) Electrical: 150,000 operations (250 VAC, cosφ = 0.4, inductive load) Electrical: 150,000 operations (250 VAC, cosφ = 0.4, inductive load) Electrical: 150,000 operations (250 VAC, cosφ = 0.4, inductive load) Electrical: 150,000 operations (250 VAC, cosφ = 0.4, inductive load) Electrical: 150,000 operations (250 VAC, cosφ = 0.4, inductive load) Electrical: 150,000 operations (250 VAC, cosφ = 0.4, inductive load) Electrical: 150,000 operations (250 VAC, cosφ = 0.4, inductive load) Electrical: 150,000 operations (250 VAC, cosφ = 0.4, inductive load) Electrical: 150,000 operations (250 VAC, cosφ = 0.4, inductive load) Electrical: 150,000 operations (250 VAC, cosφ = 0.4, inductive load) Electrical: 150,000 operations (250 VAC, cosφ = 0.4, inductive load) Electrical: 150,000,000 operations (250 VAC, cosφ = 0.4, inductive load) Electrical: 150,000,000 operations (250 VAC, cosφ = 0.4, inductive load) Electrical: 150,000,000 operations (250 VAC, cosφ = 0.4, inductive load) Electrical: 150,000,000 operations (250 VAC, cosφ = 0.4, inductive load) Electrical: 150,000,000 operations (250 VAC, cosφ = 0.4, inductive load) Electrical: 150,000,000 operations (250 VAC, cosφ = 0.4, inductive load) Electrical: 150,000,000 operations (250 VAC, cosφ = 0.4, inductive load) Electrical: 150,000,000 operations (250 VAC, cosφ = 0.4, inductive load) Electrical: 150,000,000 operations (250 VAC, cosφ = 0.4, inductive load) Electrical: 150,000 operations (250 VAC, cosφ = 0.4, inductive load) Electrical: 150,000 operations (250
Electrical: 150,000 operations (24 VDC, resistive load)/ 100,000 operations (250 VAC, cosφ = 0.4, inductive load) Mechanical: 20,000,000 operations Service life will vary depending on the connected load. 5 ms max. 5 ms max. 6 points/common, 1 circuit 0 MΩ between external terminals and the GR terminal (500 VDC) ,000 VAC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max. 10 mA 5 VDC max. 6 mA 24 VDC max. (6 mA × No. of ON points) 70 g max. Signal name Jxx_Ch1_Out00 to
Mechanical: 20,000,000 operations bervice life will vary depending on the connected load. 5 ms max. 5 ms max. 6 points/common, 1 circuit 0 MΩ between external terminals and the GR terminal (500 VDC) ,,000 VAC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max. 10 mA 5 VDC max. 6 mA 24 VDC max. (6 mA × No. of ON points) 70 g max.
5 ms max. 6 points/common, 1 circuit 0 MΩ between external terminals and the GR terminal (500 VDC) ,000 VAC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max. 10 mA 5 VDC max. 6 mA 24 VDC max. (6 mA × No. of ON points) 70 g max. Signal name Jxx_Ch1_Out00
6 points/common, 1 circuit 0 MΩ between external terminals and the GR terminal (500 VDC) ,000 VAC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max. 10 mA 5 VDC max. 6 mA 24 VDC max. (6 mA × No. of ON points) 70 g max. Signal name Jxx_Ch1_Out00
0 MΩ between external terminals and the GR terminal (500 VDC) ,000 VAC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max. 10 mA 5 VDC max. 6 mA 24 VDC max. (6 mA × No. of ON points) 70 g max. Signal name Jxx_Ch1_Out00
,000 VAC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max. 10 mA 5 VDC max. 6 mA 24 VDC max. (6 mA × No. of ON points) 70 g max. Signal name Jxx_Ch1_Out00
10 mA 5 VDC max. 6 mA 24 VDC max. (6 mA × No. of ON points) 70 g max. Signal name Jxx_Ch1_Out00
6 mA 24 VDC max. (6 mA × No. of ON points) 70 g max. Signal name Jxx_Ch1_Out00
70 g max. Signal name Jxx_Ch1_Out00 to
Signal name JXx_Ch1_Out00 to
Output indicator Output indicator The signal names of the terminals are the device variable names. The device variable names are the names that use "Jxx" as the device name.
Signal name tor pin · Signal name Jxx_Ch1_Out00

^{*} Terminal numbers A0 to A8 and B0 to B8 are used in the external connection and terminal-device variable diagrams. They are not printed on the Units.

CJ1W-OA201 Triac Output Unit (8 Points) 8-point Triac Output Unit with Terminal Block Name Model CJ1W-OA201 Max. Switching 0.6 A 250 VAC, 50/60 Hz (2.4 A/Unit) Capacity 15 A (pulse width: 10 ms max.) Max. Inrush Current Min. Switching 50 mA 75 VAC Capacity Leakage Current 1.5 mA (200 VAC) max. Residual Voltage 1.6 VAC max. **ON Response Time** 1 ms max. **OFF Response Time** 1/2 of load frequency + 1 ms or less. Number of Circuits 8 (8 points/common, 1 circuit) Surge Protector C.R Absorber + Surge Absorber 5 A (1/common, 1 used) **Fuses** The fuse cannot be replaced by the user. Insulation Resistance 20 $M\Omega$ between the external terminals and the GR terminal (500 VDC) Dielectric Strength 2,000 VAC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max Internal Current Consumption Weight 150 g max. nternal circuits Jxx_Ch1_Out00 OJXX_Ch1_Out07 **Circuit Configuration** Fuse The signal names of the terminals are the device variable names The device variable names are the names that use "Jxx" as the device name Connector pin * Signal name NC A0 Jxx_Ch1_Out00 B0 Α1 Jxx_Ch1_Out01 B1 NC Α2 Jxx_Ch1_Out02 R2 NC АЗ Jxx Ch1 Out03 ВЗ **External connection** NC 250 VAC max. and terminal-device Α4 Jxx_Ch1_Out04 variable diagram В4 NC A5 Jxx_Ch1_Out05 В5 NC A6 Jxx_Ch1_Out06 B6 NC Α7 Jxx_Ch1_Out07 В7 NC Α8 СОМ B8 • The signal names of the terminals are the device variable names. The device variable names are the names that use "Jxx" as the device name

^{*} Terminal numbers A0 to A8 and B0 to B8 are used in the external connection and terminal-device variable diagrams. They are not printed on the Units.

CJ1W-OD201 Transistor Output Unit (8 Points) Name 8-point Transistor Output Unit with Terminal Block (Sinking Outputs) Model CJ1W-OD201 Rated Voltage 12 to 24 VDC Operating Load Voltage Range 10.2 to 26.4 VDC Maximum Load 2.0 A/point, 8.0 A/Unit Current Maximum Inrush 10 A/point, 10 ms max. Current Leakage Current 0.1 mA max Residual Voltage 1.5 V max. **ON Response Time** 0.5 ms max. **OFF Response Time** 1.0 ms max. Insulation Resistance 20 $M\Omega$ between the external terminals and the GR terminal (100 VDC) **Dielectric Strength** 1,000 VAC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max. **Number of Circuits** 8 (4 points/common, 2 circuits) Internal Current 90 mA max. Consumption 6.3 A (1/common, 2 used) Fuse The fuse cannot be replaced by the user **External Power** 10.2 to 26.4 VDC, 10 mA min. Supply Weight 110 g max. Signal name +V Jxx_Ch1_Out00 Jxx Ch1 Out03 COMO Internal **Circuit Configuration** Jxx Ch1 Out04 Jxx_Ch1_Out07 • The signal names of the terminals are the device variable names The device variable names are the names that use "Jxx" as the device name Signal Α0 Jxx_Ch1_Out01 B0 Α1 Jxx_Ch1_Out03 B1 NC Α2 12 to 24 VDC NC B2 СОМО АЗ **B**3 NC External connection Α4 NC B4 and terminal-device Jxx Ch1 Out04 variable diagram A5 Jxx_Ch1_Out05 B5 Ch1_Out06 A6 Jxx_Ch1_Out07 B6 NC Α7 NC 12 to 24 VDC В7 COM₁ Α8 +V B8 • When wiring, pay careful attention to the polarity of the external power supply. The load may operate incorrectly if the polarity is reversed. • The signal names of the terminals are the device variable names. The device variable names are the names that use "Jxx" as the device name.

^{*} Terminal numbers A0 to A8 and B0 to B8 are used in the external connection and terminal-device variable diagrams. They are not printed on the Units.

CJ1W-OD203 Transistor Output Unit (8 Points) 8-point Transistor Output Unit with Terminal Block (Sinking Outputs) Name Model CJ1W-OD203 Rated Voltage 12 to 24 VDC Operating Load 10.2 to 26.4 VDC Voltage Range Maximum Load 0.5 A/point, 4.0 A/Unit Current **Maximum Inrush** 4.0 A/point, 10 ms max. Current Leakage Current 0.1 mA max Residual Voltage 1.5 V max. **ON Response Time** 0.1 ms max. **OFF Response Time** 0.8 ms max. Insulation Resistance 20 $M\Omega$ between the external terminals and the GR terminal (100 VDC) **Dielectric Strength** 1,000 VAC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max. **Number of Circuits** 8 (8 points/common, 1 circuit) Internal Current 100 mA max. Consumption Fuse None **External Power** 10.2 to 26.4 VDC, 20 mA min. Supply Weight 110 g max Output indicato Internal circuits Circuit Configuration Jxx_Ch1_Out00 Jxx Ch1 Out07 The signal names of the terminals are the device variable names The device variable names are the names that use "Jxx" as the device name Connec-L Jxx_Ch1_Out00 A0 Jxx_Ch1_Out01_ _____Jxx_Ch1_Out02 Jxx_Ch1_Out03 L Jxx_Ch1_Out04 Jxx_Ch1_Out06 Jxx_Ch1_Out07 NC External connection NC B4 and terminal-device NC A5 NC variable diagram NC A6 NC NC B6 A7 12 to 24 VDC NC В7 COM A8 B8 · When wiring, pay careful attention to the polarity of the external power supply. The load may operate incorrectly if the polarity is reversed. The signal names of the terminals are the device variable names. The device variable names are the names that use "Jxx" as the device name.

^{*} Terminal numbers A0 to A8 and B0 to B8 are used in the external connection and terminal-device variable diagrams. They are not printed on the Units

CJ1W-OD211 Transistor Output Unit (16 Points) Name 16-point Transistor Output Unit with Terminal Block (Sinking Outputs) Model CJ1W-OD211 12 to 24 VDC **Rated Voltage** Operating Load 10.2 to 26.4 VDC Voltage Range Maximum Load 0.5 A/point, 5.0 A/Unit Current **Maximum Inrush** 4.0 A/point, 10 ms max. Current 0.1 mA max Leakage Current Residual Voltage 1.5 V max. **ON Response Time** 0.1 ms max. **OFF Response Time** 0.8 ms max. Insulation Resistance 20 $M\Omega$ between the external terminals and the GR terminal (100 VDC) **Dielectric Strength** 1,000 VAC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max. **Number of Circuits** 16 (16 points/common, 1 circuit) Internal Current 5 VDC 100 mA max. Consumption Fuse None **External Power** 10.2 to 26.4 VDC, 20 mA min. Supply Weight 110 g max Output indicator nternal circuits Jxx Ch1 Out00 **Circuit Configuration** Jxx_Ch1_Out15 • The signal names of the terminals are the device variable names The device variable names are the names that use "Jxx" as the device name Signal Jxx Ch1 Out00 A₀ Jxx Ch1 Out01 Jxx Ch1 Out02 Α1 В1 Jxx Ch1 Out04 A2 B2 Jxx_Ch1_Out06 АЗ ВЗ **External connection** B4 and terminal-device variable diagram B5 Jxx_Ch1_Out12 B6 Α7 Jxx_Ch1_Out15 B7 Α8 B8 12 to 24 VDC • When wiring, pay careful attention to the polarity of the external power supply. The load may operate incorrectly if the polarity is reversed. The signal names of the terminals are the device variable names The device variable names are the names that use "Jxx" as the device name

^{*} Terminal numbers A0 to A8 and B0 to B8 are used in the external connection and terminal-device variable diagrams. They are not printed on the Units.

CJ1W-OD213 Transistor Output Unit (16 Points) 16-point Transistor Output Unit with Terminal Block (Sinking Outputs) Name Model CJ1W-OD213 Rated Voltage 24 VDC Operating Load Voltage Range 20.4 to 26.4 VDC Maximum Load 0.5 A/point, 5.0 A/Unit Current **Maximum Inrush** 4.0 A/point, 10 ms max. Current 0.1 mA max. Leakage Current Residual Voltage 1.5 V max. **ON Response Time** 15 μs max. **OFF Response Time** Insulation Resistance 20 $M\Omega$ between the external terminals and the GR terminal (100 VDC) **Dielectric Strength** 1,000 VAC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max. **Number of Circuits** 16 (16 points/common, 1 circuit) Internal Current 5 VDC 150 mA max. Consumption Fuse None **External Power** 20.4 to 26.4 VDC, 55 mA min. Supply Weight 110 g max Signal name ±\/ Jxx_Ch1_Out00 to Jxx_Ch1_Out15 **Circuit Configuration** Internal Output indicator The signal names of the terminals are the device variable names. The device variable names are the names that use "Jxx" as the device name Jxx_Ch1_Out00 A0 Jxx_Ch1_Out01 B₀ Jxx Ch1 Out03 B1 A2 В2 Jxx_Ch1_Out06 АЗ Jxx Ch1 Out07 ВЗ Jxx_Ch1_Out08 Δ4 **External connection** B4 Jxx Ch1 Out10 and terminal-device Α5 variable diagram B5 Jxx Ch1 Out12 Α6 **B6** Jxx_Ch1_Out14 Α7 B7 B8 24 VDC • When wiring, pay careful attention to the polarity of the external power supply. The load may operate incorrectly if the polarity is reversed. • The signal names of the terminals are the device variable names The device variable names are the names that use "Jxx" as the device name

^{*} Terminal numbers A0 to A8 and B0 to B8 are used in the external connection and terminal-device variable diagrams. They are not printed on the Units.

CJ1W-OD231 Transistor Output Unit (32 Points) 32-point Transistor Output Unit with Fujitsu / OTAX Connector (Sinking Outputs) Name Model CJ1W-OD231 Rated Voltage 12 to 24 VDC Operating Load Voltage Range 10.2 to 26.4 VDC **Maximum Load** 0.5 A/point, 2.0 A/common, 4.0 A/Unit Maximum Inrush 4.0 A/point, 10 ms max. Current Leakage Current 0.1 mA max. Residual Voltage 1.5 V max 0.1 ms max. **ON Response Time** OFF Response Time 0.8 ms max. Insulation Resistance 20 M Ω between the external terminals and the GR terminal (100 VDC) **Dielectric Strength** 1,000 VAC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max. Number of Circuits 32 (16 points/common, 2 circuits) Internal Current 5 VDC 140 mA max. Consumption None Fuse **External Power** 10.2 to 26.4 VDC, 30 mA min. Supply Weight 70 g max Accessories None CIO word +V Jxx Ch1 Out00 Wd m Jxx Ch1 Out15 СОМО COM0 Circuit Configuration Ch2 Out00 Wd m+1 Jxx Ch2 Out15 row B COM₁ COM₁ • The signal names of the terminals are the device variable names Connec Jxx_Ch1_Out00 A1 Jxx Ch1 Out01 A2 A3 12 to 24 VDC 24 VDC Wd m Wd m+1 Jxx Ch1 Out04 A5 A6 Jxx_Ch2_Out06 L Jxx_Ch1_Out06 A7 B7 A8 COM0 COM1 A9 A10 B10 Jxx_Ch2_Out08 Jxx_Ch1_Out08 A11 **External connection** Jxx_Ch1_Out09 and terminal-device A12 variable diagram Jxx_Ch1_Out10 A13 Jxx_Ch1_Out11 Wd m Wd m+1 Jxx_Ch1_Out12 Jxx_Ch2_Out15 (L L Jxx_Ch1_Out15 A18 B18 COM0 COM1 A19 B19 +V +V A20 B20 When wiring, pay careful attention to the polarity of the external power supply. The load may operate incorrectly if the polarity is reversed. Be sure to wire both terminals A9 and A19 (COM0). Be sure to wire both terminals B9 and B19 (COM1). Be sure to wire both terminals A10 and A20 (+V). Be sure to wire both terminals B10 and B20 (+V). The signal pages of the terminals B10 and B20 (+V). The signal names of the terminals are the device variable names The device variable names are the names that use "Jxx" as the device name

CJ1W-OD233 Transistor Output Unit (32 Points) 32-point Transistor Output Unit with MIL Connector (Sinking Outputs) Name Model CJ1W-OD233 Rated Voltage 12 to 24 VDC Operating Load 10.2 to 26.4 VDC Voltage Range **Maximum Load** 0.5 A/point, 2 A/common, 4 A/Unit Current Maximum Inrush 4.0 A/point. 10 ms max. Current Leakage Current 0.1 mA max. Residual Voltage 1.5 V max. ON Response Time 0.1 ms max. **OFF Response Time** 0.8 ms max Insulation Resistance 20 M Ω between the external terminals and the GR terminal (100 VDC) 1,000 VAC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max **Dielectric Strength Number of Circuits** 32 (16 points/common, 2 circuits) Internal Current 140 mA max. Consumption Fuse None **External Power** 10.2 to 26.4 VDC, 30 mA min. Supply Weight 70 g max. CIO word +V Jxx Ch1 Out00 Wd m Jxx_Ch1_Out15 СОМО Output indicate Circuit Configuration nternal Jxx_Ch2_Out00 Wd m+ Jxx_Ch2_Out15 COM₁ COM₁ • The signal names of the terminals are the device variable names The device variable names are the names that use "Jxx" as the device name. Allocated CIO word Allocated CIO word 3 4 Jxx Ch2 Out15 Jxx Ch2 Out07 Jxx_Ch2_Out06 Jxx_Ch2_Out14 7 Jxx_Ch2_Out13 Jxx Ch2 Out05 9 10 L Jxx_Ch2_Out12 11 12 Jxx_Ch2_Out04 Wd m+1 Jxx_Ch2_Out03 Md Jxx_Ch2_Out02 15 16 Jxx_Ch2_Out01 17 18 ______Jxx_Ch2_Out08 Jxx Ch2 Out00 19 20 (L) +V +V 21 22 СОМО External connection COM0 23 24 _____Jxx_Ch1_Out15 and terminal-device Jxx_Ch1_Out07 25 26 variable diagram Jxx_Ch1_Out14 Jxx_Ch1_Out06 (D-27 28 Jxx_Ch1_Out13 Jxx_Ch1_Out05 29 30 Wdm Jxx_Ch1_Out12 Jxx_Ch1_Out04 31 32 Md Jxx Ch1 Out03 Jxx Ch1 Out11 (L)-33 34 (L) Jxx_Ch1_Out10 Jxx_Ch1_Out02 Ū-35 36 Jxx_Ch1_Out01 Jxx Ch1 Out09 -(L)-12 to 24 VDC 37 38 ______Jxx_Ch1_Out08 Jxx_Ch1_Out00 39 40 . When wiring, pay careful attention to the polarity of the external power supply. The load may operate incorrectly if the polarity is reversed. • Be sure to wire both terminals 23 and 24 (COM0). • Be sure to wire both terminals 3 and 4 (COM1). • Be sure to wire both terminals 21 and 22 (+V).

• Be sure to wire both terminals 1 and 2 (+V).

• The signal names of the terminals are the device variable names.

The device variable names are the names that use "Jxx" as the device name

CJ1W-OD234 Transistor Output Unit (32 Points) 32-point Transistor Output Unit with MIL Connector (Sinking Outputs) Name Model CJ1W-OD234 Rated Voltage 24 VDC Operating Load 20.4 to 26.4 VDC Voltage Range **Maximum Load** 0.5 A/point, 2 A/common, 4 A/Unit Current Maximum Inrush 4.0 A/point. 10 ms max. Current Leakage Current 0.1 mA max. Residual Voltage 1.5 V max. ON Response Time 15 μs max. **OFF Response Time** 80 μs max. Insulation Resistance $20~\mathrm{M}\Omega$ between the external terminals and the GR terminal (100 VDC) Dielectric Strength 1,000 VAC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max **Number of Circuits** 32 (16 points/common, 2 circuits) Internal Current 220 mA max. Consumption Fuse None **External Power** 20.4 to 26.4 VDC, 110 mA min. Supply Weight 70 g max. Jxx Ch1 Out15 COMO COM0 Circuit Configuration Jxx_Ch2_Out00 Jxx Ch2 Out15 COM1 COM1 The signal names of the terminals are the device variable names. The device variable names are the names that use "Jxx" as the device name Connec-24 VDC COM1 Jxx_Ch2_Out15 Jxx Ch2 Out07 Jxx_Ch2_Out14 7 8 ______Jxx_Ch2_Out13 Jxx Ch2 Out05 -(L m+1 Jxx_Ch2_Out12 Jxx_Ch2_Out04 11 12 Jxx_Ch2_Out03 (L) Μ ______Jxx_Ch2_Out11 Md 13 14 Jxx_Ch2_Out02_(L) 15 16 Jxx_Ch2_Out09 Jxx_Ch2_Out01 17 18 Jxx_Ch2_Out00 (L) 19 20 +V 21 22 СОМО External connection COM₀ 23 24 and terminal-device L Jxx_Ch1_Out15 Jxx_Ch1_Out07_(L) 25 26 variable diagram Jxx_Ch1_Out06 L 27 28 Jxx_Ch1_Out05 -(L) 29 30 Jxx_Ch1_Out04 ______Jxx_Ch1_Out12 Ε 31 32 Wd Wd Jxx Ch1 Out03 33 34 Jxx_Ch1_Out02 (L) _____Jxx_Ch1_Out10 35 36 ______Jxx_Ch1_Out09 Jxx_Ch1_Out01 37 38 Jxx_Ch1_Out00 L Jxx_Ch1_Out08 39 40 • When wiring, pay careful attention to the polarity of the external power supply. The load may operate incorrectly if the polarity is reversed. • Be sure to wire both terminals 23 and 24 (COM0). • Be sure to wire both terminals 3 and 4 (COM1). • Be sure to wire both terminals 21 and 22 (+V). • Be sure to wire both terminals 1 and 2 (+V). • The signal names of the terminals are the device variable names. The device variable names are the names that use "Jxx" as the device name

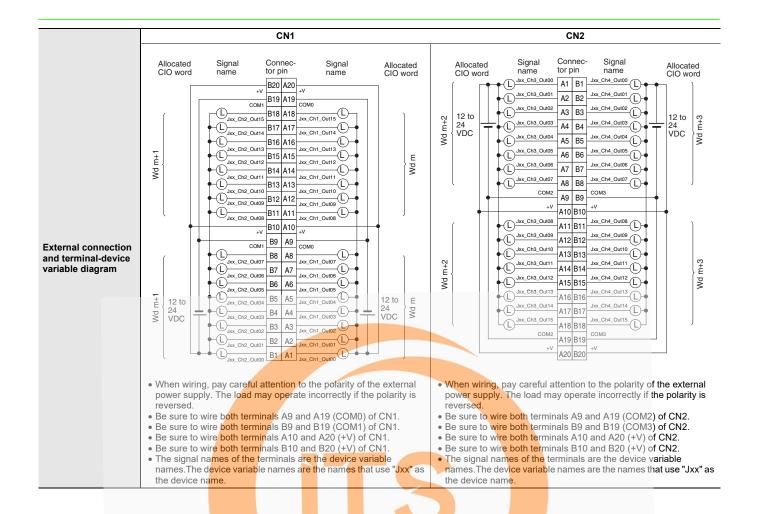
CJ1W-OD261 Transistor Output Unit (64 Points) 64-point Transistor Output Unit with Fujitsu / OTAX Connectors (Sinking Outputs) Name Model CJ1W-OD261 Rated Voltage 12 to 24 VDC Operating Load Voltage Range 10.2 to 26.4 VDC **Maximum Load** 0.3 A/point, 1.6 A/common, 6.4 A/Unit Current **Maximum Inrush** 3.0 A/point, 10 ms max. Current Leakage Current 0.1 mA max. Residual Voltage 1.5 V max. **ON Response Time** 0.5 ms max. **OFF Response Time** 1.0 ms max. Insulation Resistance 20 $M\Omega$ between the external terminals and the GR terminal (100 VDC) **Dielectric Strength** 1,000 VAC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max. **Number of Circuits** 64 (16 points/common, 4 circuits) Internal Current 5 VDC, 170 mA max. Consumption Fuse None **External Power** 10.2 to 26.4 VDC, 50 mA min. Supply Weight 110 g max. Accessories None Allocated CIO word Signal name ±\/ Jxx_Ch1_Out00 Wd m Jxx_Ch1_Out15 [↓] сомо CN₁ Connector Jxx_Ch2_Out00 Internal circuits Wd m+1 Jxx_Ch2_Out15 COM1 Output indicator **Circuit Configuration** Connector row A Jxx_Ch3_Out00 Wd m+2 to Jxx_Ch3_Out15 COM2 Connector row B COM2 CN2 Jxx_Ch4_Out00 Wd m+3 Jxx_Ch4_Out15

COM3

• The signal names of the terminals are the device variable names

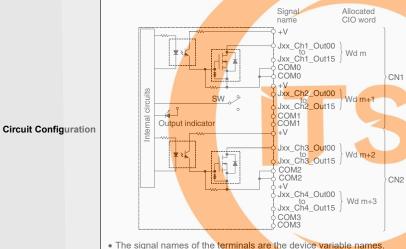
The device variable names are the names that use "Jxx" as the device name

CJ1W-OC/OA/OD



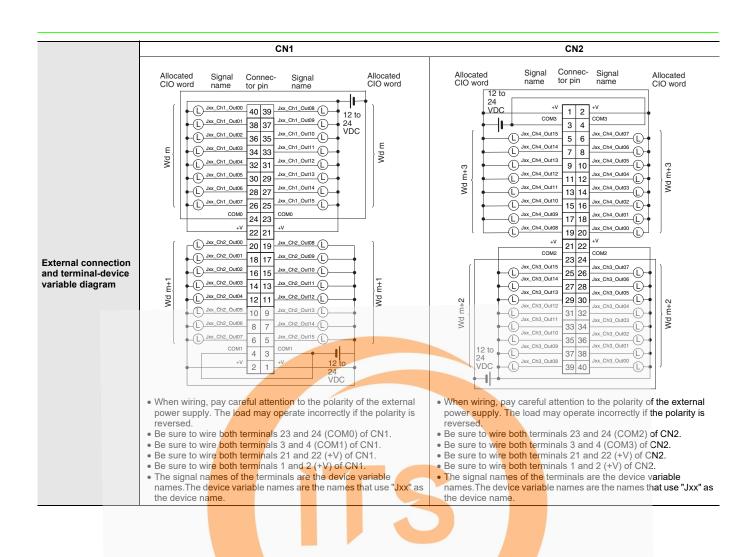
CJ1W-OD263 Transistor Output Unit (64 Points)

Name	64-point Transistor Output Unit with MIL Connectors (Sinking Outputs)
Model	CJ1W-OD263
Rated Voltage	12 to 24 VDC
Operating Load Voltage Range	10.2 to 26.4 VDC
Maximum Load Current	0.3 A/point, 1.6 A/common, 6.4 A/Unit
Maximum Inrush Current	3.0 A/point, 10 ms max.
Leakage Current	0.1 mA max.
Residual Voltage	1.5 V max.
ON Response Time	0.5 ms max.
OFF Response Time	1.0 ms max.
Insulation Resistance	20 M Ω between the external terminals and the GR terminal (100 VDC)
Dielectric Strength	1,000 VAC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max.
Number of Circuits	64 (16 points/common, 4 circuits)
Internal Current Consumption	170 mA max.
Fuse	None
External Power Supply	10.2 to 26.4 VDC, 50 mA min.
Weight	110 g max.



The signal names of the terminals are the device variable names.

The device variable names are the names that use "Jxx" as the device name.



CJ1W-OD202 Transistor Output Unit (8 Points) 8-point Transistor Output Unit with Terminal Block (Sourcing Outputs) Name Model CJ1W-OD202 24 VDC **Rated Voltage** Operating Load Voltage Range 20.4 to 26.4 VDC Maximum Load 2 A/point, 8 A/Unit Current Leakage Current 0.1 mA max. Residual Voltage 1.5 V max. **ON Response Time** 0.5 ms max **OFF Response Time** 1.0 ms max. Load Short-circuit Detection current: 6 A min. Protection Automatic restart after error clearance Line Disconnection Detection current: 200 mA Detection Insulation Resistance 20 M Ω between the external terminals and the GR terminal (100 VDC) **Dielectric Strength** 1,000 VAC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max **Number of Circuits** 8 (4 points/common, 2 circuits) Internal Current 110 mA max. Consumption Fuse None **External Power** 20.4 to 26.4 VDC, 50 mA min. Supply Weight 120 g max. Signal name COM0 (+V) Jxx_Ch1_Out00 Jxx Ch1 Out03 Output indicator COM1 (+V) Circuit Configuration Jxx_Ch1_Out04 Jxx_Ch1_Out07 . When overcurrent or line disconnection is detected, the ERR indicator will light, and the corresponding bit (two points per bit) in the Basic I/O Unit Information Area (A050 to A069) will change to TRUE The signal names of the terminals are the device variable names The device variable names are the names that use "Jxx" as the device name tor pin Jxx_Ch1_Out00 A0 Jxx_Ch1_Out01 B0 Α1 Jxx_Ch1_Out03 В1 NC Α2 NC B2 24 VDC 0 V АЗ COM0 (+V) ВЗ NC Α4 **External connection** NC B4 and terminal-device **A**5 variable diagram Jxx Ch1 Out05 В5 _Jxx_Ch1_Out06 A6 Jxx_Ch1_Out07 B6 NC Α7 NC B7 0 V 24 VDC **A8** COM1 (+V) В8 • When wiring, pay careful attention to the polarity of the external power supply. The load may operate incorrectly if the polarity is reversed.

Note: Although 16 I/O bits (1 word) are allocated, only 8 of these can be used for external I/O.

The signal names of the terminals are the device variable names

The device variable names are the names that use "Jxx" as the device name

^{*} Terminal numbers A0 to A8 and B0 to B8 are used in the external connection and terminal-device variable diagrams. They are not printed on

CJ1W-OD204 Transistor Output Unit (8 Points) Name 8-point Transistor Output Unit with Terminal Block (Sourcing Outputs) Model CJ1W-OD204 Rated Voltage 24 VDC Operating Load Voltage Range 20.4 to 26.4 VDC Maximum Load 0.5 A/point, 4.0 A/Unit Current Leakage Current 0.1 mA max Residual Voltage 1.5 V max. **ON Response Time** 0.5 ms max. **OFF Response Time** 1.0 ms max. Load Short-circuit Detection current: 0.7 to 2.5 A Automatic restart after error clearance Protection Insulation Resistance 20 $M\Omega$ between the external terminals and the GR terminal (100 VDC) **Dielectric Strength** 1,000 VAC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max. **Number of Circuits** 8 (8 points/common, 1 circuit) Internal Current 5 VDC, 100 mA max. Consumption Fuse None **External Power** 20.4 to 26.4 VDC, 40 mA min. Supply Weight 120 g max Signal name COM (+V) Jxx_Ch1_Out00 Jxx_Ch1_Out07 Internal Circuit Configuration . When overcurrent is detected, the ERR indicator will light, and the corresponding bit in the Basic I/O Unit Information Area (A050 to A069) will change to TRUE • The signal names of the terminals are the device variable names The device variable names are the names that use "Jxx" as the device name Signal Signal ___Jxx_Ch1_Out00 ____Jxx_Ch1_Out02 ____Jxx_Ch1_Out04 Α2 Jxx Ch1 Out05 Jxx_Ch1_Out06 АЗ Jxx_Ch1_Out07 NC ВЗ **External connection** and terminal-device NC B4 Α5 NC variable diagram NC B5 A6 NC В6 NC Α7 NC 0 V B7 24 VDC • When wiring, pay careful attention to the polarity of the external power supply. The load may operate incorrectly if the polarity is reversed. The signal names of the terminals are the device variable names. The device variable names are the names that use "Jxx" as the device name.

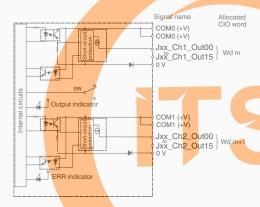
^{*} Terminal numbers A0 to A8 and B0 to B8 are used in the external connection and terminal-device variable diagrams. They are not printed on the Units.

CJ1W-OD212 Transistor Output Unit (16 Points) Name 16-point Transistor Output Unit with Terminal Block (Sourcing Outputs) Model CJ1W-OD212 Rated Voltage 24 VDC Operating Load Voltage Range 20.4 to 26.4 VDC Maximum Load 0.5 A/point, 5.0 A/Unit Current Maximum Inrush 0.1 mA max. Current Leakage Current 1.5 V max. **ON Response Time** 0.5 ms max. **OFF Response Time** 1.0 ms max. Load Short-circuit Detection current: 0.7 to 2.5 A Protection Automatic restart after error clearance Insulation Resistance 20 M Ω between the external terminals and the GR terminal (100 VDC) **Dielectric Strength** 1,000 VAC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max. **Number of Circuits** 16 (16 points/common, 1 circuit) Internal Current 5 VDC, 100 mA max. Consumption **External Power** 20.4 to 26.4 VDC, 40 mA min. Supply Weight 120 g max Signal name COM (+V) Jxx_Ch1_Out00 Jxx_Ch1_Out15 0 V Internal Circuit Configuration ERR indicator When overcurrent is detected, the ERR indicator will light, and the corresponding bit in the Basic I/O Unit Information Area (A050 to A069) will change to TRUE The signal names of the terminals are the device variable names The device variable names are the names that use "Jxx" as the device name Signal Signal Jxx Ch1 Out00 A0 Jxx_Ch1_Out01 B0 В1 A2 B2 Jxx_Ch1_Out07 ВЗ Jxx_Ch1_Out08 Α4 External connection Jxx_Ch1_Out09 and terminal-device В4 Jxx_Ch1_Out10 variable diagram Jxx Ch1 Out11 B5 L) Jxx Ch1 Out12 Jxx_Ch1_Out13 B6 D Jxx_Ch1_Out14 Jxx_Ch1_Out15 B7 **A8** COM (+V) B8 24 VDC • When wiring, pay careful attention to the polarity of the external power supply. The load may operate incorrectly if the polarity is reversed. • The signal names of the terminals are the device variable names The device variable names are the names that use "Jxx" as the device name

^{*} Terminal numbers A0 to A8 and B0 to B8 are used in the external connection and terminal-device variable diagrams. They are not printed on the Units.

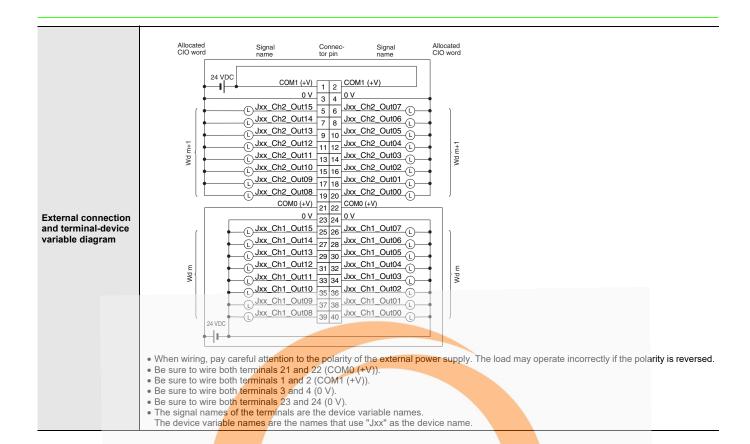
CJ1W-OD232 Transistor Output Unit (32 Points)

Name	32-point Transistor Output Unit with MIL Connector (Sourcing Outputs)
Model	CJ1W-OD232
Rated Voltage	24 VDC
Operating Load Voltage Range	20.4 to 26.4 VDC
Maximum Load Current	0.5 A/point, 2.0 A/common, 4.0 A/Unit
Leakage Current	0.1 mA max.
Residual Voltage	1.5 V max.
ON Response Time	0.5 ms max.
OFF Response Time	1.0 ms max.
Load Short-circuit Protection	Detection current: 0.7 to 2.5 A Automatic restart after error clearance.
Insulation Resistance	20 M Ω between the external terminals and the GR terminal (100 VDC)
Dielectric Strength	1,000 VAC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max.
Number of Circuits	32 (16 points/common, 2 circuits)
Internal Current Consumption	5 VDC 150 mA max.
External Power Supply	20.4 to 26.4 VDC, 70 mA min.
Weight	80 g max.
Accessories	None



Circuit Configuration

- When overcurrent is detected, the ERR indicator will light, and the corresponding bit (bit allocated for each common) in the Basic I/O Unit Information Area (A050 to A069) will change to TRUE.
- The signal names of the terminals are the device variable names.
- The device variable names are the names that use "Jxx" as the device name



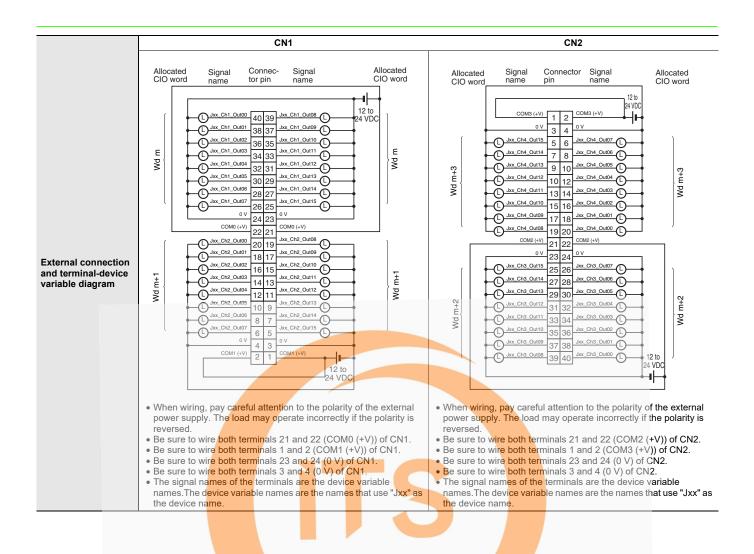
CJ1W-OD262 Transistor Output Unit (64 Points) 64-point Transistor Output Unit with MIL Connectors (Sourcing Outputs) Name Model CJ1W-OD262 12 to 24 VDC Rated Voltage Operating Load Voltage Range 10.2 to 26.4 VDC **Maximum Load** 0.3 A/point, 1.6 A/common, 6.4 A/Unit Current **Maximum Inrush** 3.0 A/point, 10 ms max. Current Leakage Current 0.1 mA max. Residual Voltage 1.5 V max. **ON Response Time** 0.5 ms max. **OFF Response Time** 1.0 ms max. Insulation Resistance 20 $\text{M}\Omega$ between the external terminals and the GR terminal (100 VDC) **Dielectric Strength** 1,000 VAC between the external terminals and the GR terminal for 1 minute at a leakage current of 10 mA max. **Number of Circuits** 64 (16 points/common, 4 circuits) Internal Current 170 mA max. (5 VDC) Consumption Fuse None **External Power** 10.2 to 26.4 VDC, 50 mA min. Supply Weight 110 g max. Accessories None Signal Allocated CIO word COM0 Jxx_Ch1_Out00 to Jxx_Ch1_Out15 CN1 (OUT) Output indicator COM1 Jxx_Ch2_Out00 Wd m+1 to Jxx_Ch2_Out15 **Circuit Configuration** COM2 Jxx_Ch3_Out00 Wd m+2 Jxx_Ch3_Out15 0 V

CN2 (OUT)

COM3 COM3 Jxx_Ch4_Out00 to Jxx_Ch4_Out15

The device variable names are the names that use "Jxx" as the device name

• The signal names of the terminals are the device variable names.



Bit Allocations for Output Unit

8-point Output Unit

Allocated	Signal name (CJ/NJ)	
CIO	Bit	Signal name (CJ/NJ)
	00	OUT0/Jxx_Ch1_Out00
	01	OUT1/Jxx_Ch1_Out01
	:	:
	06	OUT6/Jxx_Ch1_Out06
Wd m	07	OUT7/Jxx_Ch1_Out07
(Output)	08	_
	09	_
	:	:
	14	_
	15	_

16-point Output Unit

Allocated	Signal name (C I/N I)	
CIO	Bit	Signal name (CJ/NJ)
	00	OUT0/Jxx_Ch1_Out00
	01	OUT1/Jxx_Ch1_Out01
Wd m (Output)	:	:
	14	OUT14/Jxx_Ch1_Out14
	15	OUT15/Jxx_Ch1_Out15

32-point Output Unit

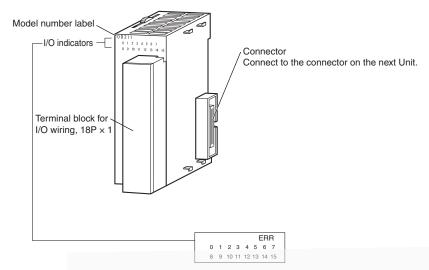
Allocated	Allocated CIO word			
CIO	Bit		Signal name (CJ/NJ)	
	00		OUT0/Jxx_Ch1_Out00	
	01		OUT1/Jxx_Ch1_Out01	
Wd m (Output)	:			
(Output)	14		OUT14/Jxx_Ch1_Out14	
	15		OUT15/Jxx_Ch1_Out15	
	00		OUT0/Jxx_Ch2_Out00	
	01		OUT1/Jxx_Ch2_Out01	
Wd m+1 (Output)	: /		:	
(Output)	14		OUT14/Jxx_Ch2_Out14	
	15		OUT15/Jxx_Ch2_Out15	

64-point Output Unit

64-point Output Unit					
Allocate	Allocated CIO word				
CIO	Bit	Signal name (CJ/NJ)			
	00	OUT0/Jxx_Ch1_Out00			
	01	OUT1/Jxx_Ch1_Out01			
Wd m (Output)	:	:			
(Output)	14	OUT14/Jxx_Ch1_Out14			
	15	OUT15/Jxx_Ch1_Out15			
	00	OUT0/Jxx_Ch2_Out00			
	01	OUT1/Jxx_Ch2_Out01			
Wd m+1 (Output)	:	:			
(Output)	14	OUT14/Jxx_Ch2_Out14			
	15	OUT15/Jxx_Ch2_Out15			
	00	OUT0/Jxx_Ch3_Out00			
	01	OUT1/Jxx_Ch3_Out01			
Wd m+2 (Output)	:	:			
(Sulput)	14	OUT14/Jxx_Ch3_Out14			
	15	OUT15/Jxx_Ch3_Out15			
	00	OUT0/Jxx_Ch4_Out00			
	01	OUT1/Jxx_Ch4_Out01			
Wd m+3 (Output)	:	:			
(Sulput)	14	OUT14/Jxx_Ch4_Out14			
	15	OUT15/Jxx_Ch4_Out15			

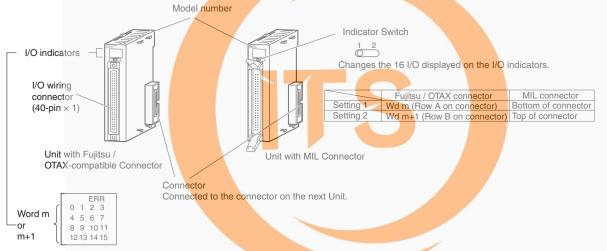
External Interface

8-point/16-point Units (18-point Terminal Blocks)



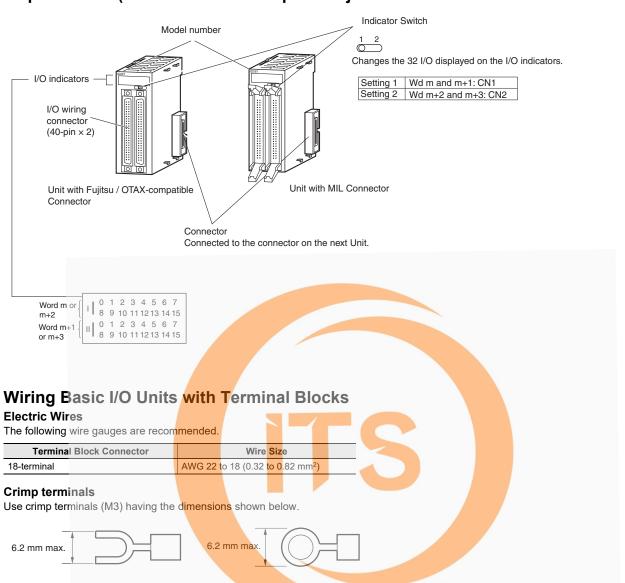
Note: The CJ1W-OD202, CJ1W-OD204, and CJ1W-OD212 also have an ERR indicator for the load short-circuit alarm.

32-point Units (Models with 40-point Fujitsu / OTAX Connector or MIL Connector)



Note: Only the CJ1W-OD232 has an ERR indicator for the load short-circuit alarm.

64-point Units (Models with Two 40-point Fujitsu / OTAX Connectors or MIL Connector)

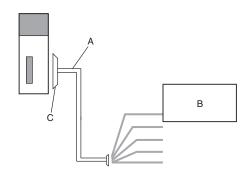


I/O Unit Wiring Methods

An I/O Unit can be connected to an external device by any of the following three methods.

1. User-provided Cable

An I/O Unit can be directly connected to an external device by using a connector.

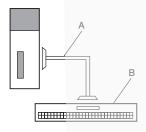


User-provided cable
External device
Connector

2. Connector-Terminal Block Conversion Unit

Use a Connecting Cable to connect to a Connector-Terminal Block Conversion Unit.

Converting the I/O Unit connector to a screw terminal block or push-in terminal block makes it easy to connect external devices.

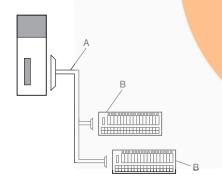


Α	Connecting Cable for Connector-Terminal Block Conversion Unit XW2Z
В	Connector-Terminal Block Conver <mark>sion Unit</mark> XW2□

3. I/O Relay Terminal

Use a Connecting Cable to connect to an I/O Relay Terminal.

The I/O specifications can be converted to relay outputs and AC inputs by connecting the I/O Relay Terminal to an I/O Unit.



Α	Connecting Cable for I/O Relay Terminals XW2Z-R
В	I/O Relay Terminals G70V, G7TC Relay Terminals G70D I/O Terminal Socket G70A Or, conversion to relay outputs and AC inputs.

1. Using User-made Cables with Connector

Available Connectors

Use the following connectors when assembling a connector and cable.

32- and 64-point Basic I/O Units with Fujitsu / OTAX-compatible Connectors Applicable Units

Model	Specifications	Pins	
CJ1W-OD231	Transistor Output Unit with Sinking Outputs, 32 outputs	40	
CJ1W-OD261	Transistor Output Unit with Sinking Outputs, 64 outputs	40	

Applicable Cable-side Connectors

Connection	Pins	OMRON set	Fujitsu / OTAX parts		
Solder-type	40	C500-CE404	Socket: Fujitsu FCN-361J040-AU Connector cover: Fujitsu FCN-360C040-J2 OTAX N360C040J2		
Crimped	40	C500-CE405	Socket: Fujitsu FCN-363J040 OTAX N363J040 Connector cover: Fujitsu FCN-360C040-J2 OTAX N360C040J2 Contacts: Fujitsu FCN-363J-AU OTAX N363JAU		
Pressure-welded	40	C500-CE403	Fujitsu FCN-367J040-AU/F		

32- and 64-point Basic I/O Units with MIL Connectors Applicable Units

	Model		Specifications		Pin	S
CJ1W-OD232		Transistor Output Un	nit with sourcing outputs, 32 outputs			_
CJ1W-OD262		Transistor Output Un	nit with sourcing outputs, 64 outputs			
CJ1W-OD233 CJ1W-OD234		Transistor Output Un	nit with sinking outputs, 32 outputs		40	
CJ1W-OD263		Transistor Output Un	nit with sinking outputs, 64 outputs			

Applicable Cable-side Connectors

Connection	Pins	OMRON set	DDK parts
Pressure-welded	40	XG4M-40 <mark>30-</mark> T *1	FRC5-A040- <mark>3T0S</mark>
	40	XG5N-401 *2	HU-40OS2- <mark>001</mark>
Crimped	-	Crimp Contacts for XG5N *3 XG5W-0232 (loose contacts: 100 pieces) XG5W-0232-R (reel contacts: 10,000 pieces)	HU-111S

^{*1.} Socket and Stain Relief set.

Wire Size

We recommend using cable with wire gauges of AWG 28 to 24 (0.08 to 0.2 mm²). Use cable with external wire diameters of 1.61 mm max.

Crimping Tools

The following models are recommended for crimping tools and pressure-welding tools for Fujitsu / OTAX connectors. Tools for Crimped Connectors (Fujitsu Component)

Product Name	Model
Hand Crimping Tool	FCN-363T-T005/H
Contact Withdrawal Tool	FCN-360T-T001/H

Tools for Pressure-welded Connectors (Fujitsu Component)

Product Name	Model
Hand Press	FCN-707T-T101/H
Cable Cutter	FCN-707T-T001/H
Locator Plate	FCN-367T-T012/H

The following models are recommended for tools for OMRON MIL connectors. Tools for Pressure-welded Connectors (OMRON)

Product Name	Model
Pressure-welding Tool	XY2B-0002
Attachment	XY2B-1007

Tools for Crimped Connectors (OMRON)

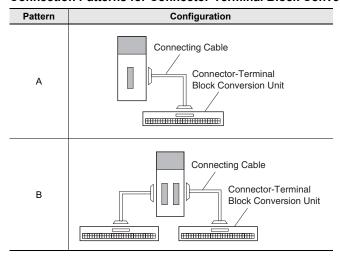
. ,				
Product Name	Model			
Manual Crimping Tool	XY2B-7007			

^{*2.} Crimp Contacts (XG5W-0232) are sold separately.

^{*3.} Applicable wire size is AWG 28 to 24. For applicable conductor construction and more information, visit the OMRON website at www.ia.omron.com.

2. Connecting Connector-Terminal Block Conversion Units

Connection Patterns for Connector-Terminal Block Conversion Units



Combination of I/O Units with Connector-Terminal Block Conversion Units

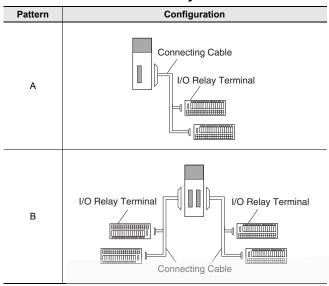
Unit	I/O capacity	Number of connectors	Polarity	Connection pattern	Connecting Cable *	Connector-Terminal Block Conversion Unit	Wiring method	Common terminals
CJ1W-OD231 32 outputs 1 Fujitsu / OTAX connector				XW2K-40G-O32B	Push-In Plus	No		
	20 autouta		NPN	^	XW2Z-□□□B	XW2K-40G-O32B-OUT	Push-In Plus	Yes
	32 outputs		INPIN	A		XW2R-J34GD-C3	Phillips screw	No
					XW2R-E34GD-C3	Slotted screw (rise up)	No	
			PNP		XW2Z-□□□K	XW2K-40G-O32C	Push-In Plus	No
CJ1W-OD232	20 autouta	1 MIL		A		XW2K-40G-O32C-OUT	Push-In Plus	Yes
CJ IVV-OD232	32 outputs	connector		A	AVV2Z-UUUK	XW2R-J34GD-C4	Phillips screw	No
						XW2R-E34GD-C4	Slotted screw (rise up)	No
						XW2K-40G-O32C	Push-In Plus	No
CJ1W-OD233	22 outputo	1 MIL	NPN		XW2Z-□□□K	XW2K-40G-O32C-OUT	Push-In Plus	Yes
CJ1W-OD233 32 outputs connector	connector	INFIN	A	XVV2Z-UUUK	XW2R-J34GD-C4	Phillips screw	No	
						XW2R-E34GD-C4	Slotted screw (rise up)	No
			NPN		XW2Z-□□□K	XW2K-40G-O32C	Push-In Plus	No
CJ1W-OD234	32 outputs	1 MIL		А		XW2K-40G-O32C-OUT	Push-In Plus	Yes
C31VV-OD234	32 Outputs	connector				XW2R-J34GD-C4	Phillips screw	No
		1				XW2R-E34GD-C4	Slotted screw (rise up)	No
			NPN		XW2Z-□□B (2 pcs)	XW2K-40G-O32B (2 pcs)	Push-In Plus	No
CJ1W-OD261	64 outputs	2 Fujitsu / OTAX connectors		В		XW2K-40G-O32B-OUT (2 pcs)	Push-In Plus	No
CJ IVV-ODZ61	04 Outputs			В		XW2R-J34GD-C3 (2 pcs)	Phillips screw	Yes
						XW2R-E34GD-C3 (2 pcs)	Slotted screw (rise up)	No
						XW2K-40G-O32C (2 pcs)	Push-In Plus	No
CJ1W-OD262	64 outputs	2 MIL	PNP	В	XW2Z-□□□K (2 pcs)	XW2K-40G-O32C-OUT (2 pcs)	Push-In Plus	No
CJ 1VV-OD202 04	04 Outputs	connectors		Б		XW2R-J34GD-C4 (2 pcs)	Phillips screw	Yes
						XW2R-E34GD-C4 (2 pcs)	Slotted screw (rise up)	No
	64 outputs	2 MIL connectors	NPN		XW2Z-□□□K (2 pcs)	XW2K-40G-O32C (2 pcs)	Push-In Plus	No
CJ1W-OD263				В		XW2K-40G-O32C-OUT (2 pcs)	Push-In Plus	Yes
C3 1 VV-OD 203				ט		XW2R-J34GD-C4 (2 pcs)	Phillips screw	No
						XW2R-E34GD-C4 (2 pcs)	Slotted screw (rise up)	No

* The box ☐ is replaced by the cable length.

Note: For details, refer to the XW2K series Datasheet (Cat. No. G152) and XW2R Datasheet.

3. Connecting I/O Relay Terminals

Connection Patterns for I/O Relay Terminals



Combination of I/O Units with I/O Relay Terminals and Connecting Cables

	I/O Units		Connection	Connecting Cables		I/O Relay Terminals				
Model	I/O capacity	External connectors	Polarity	pattern	Model *1	Quantity required	Model	I/O points	Quantity required	Wiring method
				1			G70V-SOC16P(-C4)	16		Push-in spring
	Sinking			İ	G7TC-OC16	16				
	connector	(NPN)	A	XW2Z-RO□C-□	1	G70D-SOC/FOM16	16	2	Screw terminal	
		(40 p)	(,				G70D-VSOC16/VFOM16	16		Colew terminal
			<u> </u>				G70A-ZOC16-3 *2	16		
		1 MIL	Sourcing		XW2Z-RO□-□-D1	1	G70A-ZOC1 <mark>6-4 *2</mark>	16	2	
CJ1W-OD232	32 outputs	connector	(PNP)	A			G70D-SOC/F <mark>OM16-1</mark>	16		Screw terminal
		(40 p)	()		XW2Z- <mark>RI□</mark> -□-D1	1	G7TC-OC16-1	16		
						1	G70V-SOC16P(-C4)	16	2	Push-in spring
		1 MIL	Sinking				G7TC-OC16	16		Screw terminal
CJ1W-OD233	32 outputs	connector	(NPN)	A	XW2Z- <mark>RO</mark> □-□-D1		G70D-SOC/F <mark>OM16</mark>	16		
(40 p)	(141 14)				G70D-VSOC16/VFOM16	16		Sciew terrilinar		
							G70A-ZOC16-3 *2	16		
						G70V-SOC16P(-C4)	16		Push-in spring	
		1 MIL	Circlein a				G7TC-OC16	16		
CJ1W-OD234	32 outputs	connector	Sinking (NPN)	Α	XW2Z-RO□C-□	1	G70D-SOC/FOM16	16	2	Screw terminal
(40 p)	(40 p)	(INFIN)				G70D-VSOC16/VFOM16	16		Screw terminal	
							G70A-ZOC16-3 *2	16		
				В	XW2Z-RO□C-□		G70V-SOC16P(-C4)	16		Push-in spring
		2 Fujitsu /	Sinking (NPN)				G7TC-OC16	16		
CJ1W-OD261	64 outputs	OTAX connectors				2	G70D-SOC/FOM16	16	4	Screw terminal
	(40 p)	(INFIN)				G70D-VSOC16/VFOM16	16		Screw terminal	
	(/					G70A-ZOC16-3 *2	16			
				В	XW2Z-RO□-□-D1	2	G70V-SOC16P-1(-C4)	16	4	Push-in spring
O 141W O DOCCO	C4	2 MIL	nectors Sourcing				G70A-ZOC16-4 *2	16		Screw terminal
CJ1W-OD262 64 outp	64 outputs	(40 p)					G70D-SOC/FOM16-1	16		
		(40 p)			XW2Z-RI□-□-D1	2	G7TC-OC16-1	16		
	64 outputs	2 MIL connectors (40 p)	Sinking (NPN)	В	XW2Z-RO□-□-D1	2	G70V-SOC16P(-C4)	16	4	Push-in spring
							G7TC-OC16	16		Screw terminal
CJ1W-OD263							G70D-SOC/FOM16	16		
							G70D-VSOC16/VFOM16	16		
							G70A-ZOC16-3 *2	16		

^{*1.} The box ☐ is replaced by the cable length.

*2. The G70A-ZOC16-3/4 has I/O terminal sockets. Mounted relays are sold separately. In addition, an G70A-ZOC16-3/4 will be SPDT × 16 points with G2R relays.

Dimensions (Unit: mm)

8-point/16-point Units (18-point Terminal Blocks)

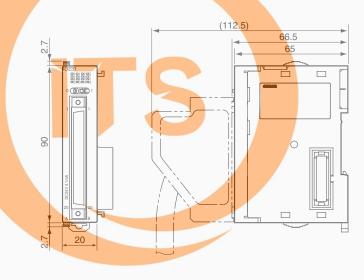
CJ1W-OC201/ OC211/ OA201/ OD201 / OD202/ OD203/ OD204/ OD211/ OD213 / OD212



32-point Unit (Output Units)

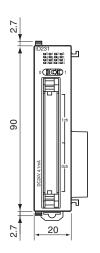
With Fujitsu / OTAX-Compatible Connector (40-pin × 1) CJ1W-OD231

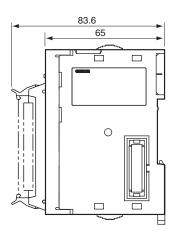




With MIL Connector (40-pin \times 1) CJ1W-OD232 / OD233 / OD234

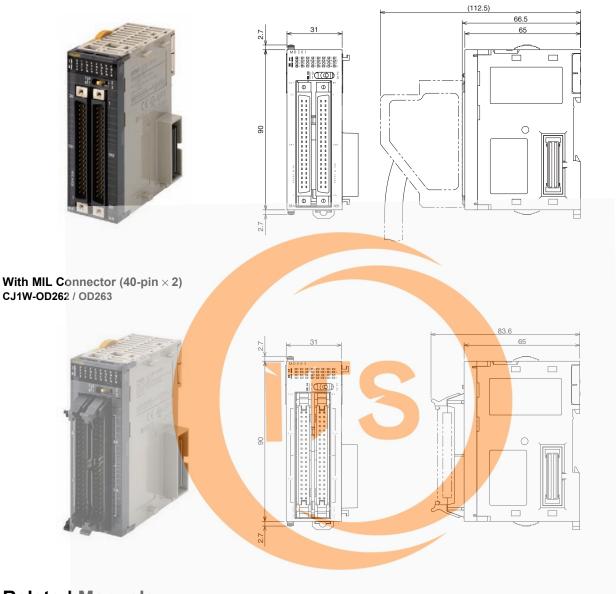






64-point Units (Output Units)

With Fujitsu / OTAX-Compatible Connector (40-pin \times 2) CJ1W-OD261



Related Manuals

Name	Cat. No.	Contents
CJ-series CJ2 CPU Unit Hardware User's Manual CJ2H-CPU6□-EIP CJ2H-CPU6□ CJ2M-CPU□□	W472	Describes the following for CJ2 CPU Units: Overview and features Basic system configuration Part nomenclature and functions Mounting and setting procedure Remedies for errors Also refer to the Software User's Manual (W473).
CJ Series CJ1H-CPU□□H-R, CJ1G/H-CPU□□H, CJ1G-CPU□□P, CJ1G-CPU□□, CJ1M-CPU□□ Programmable Controllers Operation Manual	W393	Provides an outlines of and describes the design, installation, maintenance, and other basic operations for the CJ-series PLCs.
NJ-series CPU Unit Hardware User's Manual NJ501-□□□□□	W500	An introduction to the entire NJ-series system is provided along with the following information on a Controller built with an NJ501 CPU Unit. • Features and system configuration • Introduction • Part names and functions • General specifications • Installation and wiring • Maintenance and inspection Use this manual together with the NJ-series CPU Unit Software User's Manual (Cat. No. W501).

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