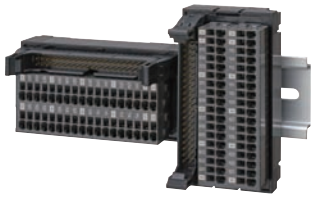
Table of PLC I/O Unit
Connection Correspondance

PLC I/O Interface Wiring System Selection

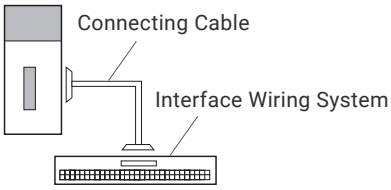
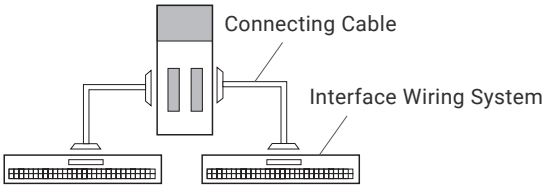
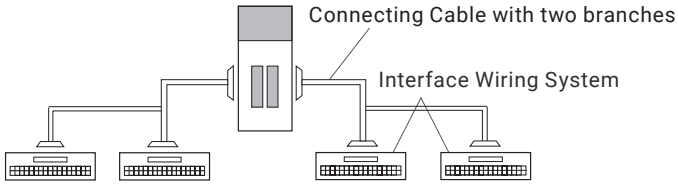
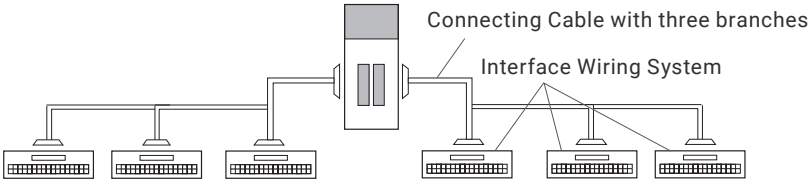


Table of Interface Wiring System and connectable device combinations



his catalogue Page 2 to 19 shows a table of the patterns and combinations in which interface wiring system and connectable devices (PLC I/O units, DeviceNet Units) can be connected.
For the detailed specifications and connection diagrams of each device, see the data sheet of the related product.

Connection type pattern

Pattern	Configuration
A	
B	
C	
D	

For Omron PLC NX Series

PLC I/O Unit				Connection pattern (page 2)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
NX-ID5142-5	16 inputs	1 MIL connector (20)	NPN/PNP	A	XW2Z-100X	XW2K-20G-T	Push-In Plus	No
					XW2Z-100X-R	XW2K-20G-O16A-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100X	XW2D-20G6	Phillips screw	No
					XW2Z-100X	XW2R-E20GD-T	Slotted screw (rise up)	No
NX-ID6142-5	32 inputs	1 MIL connector (40)	NPN/PNP	A	XW2Z-100K	XW2K-40G-O32C	Push-In Plus	No
					XW2Z-100K	XW2K-40G-O32C-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100K	XW2R-J34GD-C2	Phillips screw	No
					XW2Z-100K	XW2R-E34GD-C2	Slotted screw (rise up)	No
					XW2Z-100K	XW2R-N32GD-C2-COM *2	e-CON	Yes
NX-ID6142-6	32 inputs	1 Fujitsu/Otax connector (40)	NPN/PNP	A	XW2Z-100B	XW2K-40G-O32A	Push-In Plus	No
					XW2Z-100B	XW2K-40G-O32A-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-C1	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-C1	Slotted screw (rise up)	No
					XW2Z-100B	XW2R-N32GD-C1-COM *2	e-CON	Yes
NX-OD5121-5	16 outputs	1 MIL connector (20)	NPN	A	XW2Z-100X	XW2K-20G-T	Push-In Plus	No
					XW2Z-100X-R	XW2K-20G-O16B-OUT	Push-In Plus	Yes
					XW2Z-100X	XW2D-20G6	Phillips screw	No
					XW2Z-100X	XW2R-E20GD-T	Slotted screw (rise up)	No
NX-OD5256-5	16 outputs	1 MIL connector (20)	PNP	A	XW2Z-100X	XW2K-20G-T	Push-In Plus	No
					XW2Z-100X-R	XW2K-20G-O16B-OUT-P	Push-In Plus	Yes
					XW2Z-100X	XW2D-20G6	Phillips screw	No
					XW2Z-100X	XW2R-E20GD-T	Slotted screw (rise up)	No
NX-OD6121-5	32 outputs	1 MIL connector (40)	NPN	A	XW2Z-100K	XW2K-40G-O32C	Push-In Plus	No
					XW2Z-100K	XW2K-40G-O32C-OUT	Push-In Plus	Yes
					XW2Z-100K	XW2R-J34GD-C4	Phillips screw	No
					XW2Z-100K	XW2R-E34GD-C4	Slotted screw (rise up)	No
NX-OD6121-6	32 outputs	1 Fujitsu/Otax connector (40)	NPN	A	XW2Z-100B	XW2K-40G-O32B	Push-In Plus	No
					XW2Z-100B	XW2K-40G-O32B-OUT	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-C3	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-C3	Slotted screw (rise up)	No
NX-OD6256-5	32 outputs	1 MIL connector (40)	PNP	A	XW2Z-100K	XW2K-40G-O32C	Push-In Plus	No
					XW2Z-100K	XW2K-40G-O32C-OUT-P	Push-In Plus	Yes
					XW2Z-100K	XW2R-J34GD-C4	Phillips screw	No
					XW2Z-100K	XW2R-E34GD-C4	Slotted screw (rise up)	No

(Continued on the next page.)

PLC I/O Unit				Connection pattern (page 2)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
NX-MD6121-5	16 inputs	1 MIL connector (20)	NPN/PNP	B	XW2Z-100X	XW2K-20G-T	Push-In Plus	No
					XW2Z-100X-R	XW2K-20G-O16A-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100X	XW2D-20G6	Phillips screw	No
					XW2Z-100X	XW2R-E20GD-T	Slotted screw (rise up)	No
	16 outputs	1 MIL connector (20)	NPN		XW2Z-100X	XW2K-20G-T	Push-In Plus	No
					XW2Z-100X-R	XW2K-20G-O16B-OUT	Push-In Plus	Yes
					XW2Z-100X	XW2D-20G6	Phillips screw	No
					XW2Z-100X	XW2R-E20GD-T	Slotted screw (rise up)	No
NX-MD6121-6	16 inputs	1 Fujitsu/ Otax connector (24)	NPN/PNP	B	XW2Z-100A	XW2K-20G-T	Push-In Plus	No
					XW2Z-100A	XW2K-20G-O16A-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100A	XW2D-20G6	Phillips screw	No
					XW2Z-100A	XW2R-E20GD-T	Slotted screw (rise up)	No
	16 outputs	1 Fujitsu/ Otax connector (24)	NPN		XW2Z-100A	XW2K-20G-T	Push-In Plus	No
					XW2Z-100A	XW2K-20G-O16B-OUT	Push-In Plus	Yes
					XW2Z-100A	XW2D-20G6	Phillips screw	No
					XW2Z-100A	XW2R-E20GD-T	Slotted screw (rise up)	No
NX-MD6256-5	16 inputs	1 MIL connector (20)	NPN/PNP	B	XW2Z-100X	XW2K-20G-T	Push-In Plus	No
					XW2Z-100X-R	XW2K-20G-O16A-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100X	XW2D-20G6	Phillips screw	No
					XW2Z-100X	XW2R-E20GD-T	Slotted screw (rise up)	No
	16 outputs	1 MIL connector (20)	PNP		XW2Z-100X	XW2K-20G-T	Push-In Plus	No
					XW2Z-100X-R	XW2K-20G-O16B-OUT-P	Push-In Plus	Yes
					XW2Z-100X	XW2D-20G6	Phillips screw	No
					XW2Z-100X	XW2R-E20GD-T	Slotted screw (rise up)	No

Note: 1. This table of Interface Wiring System and connectable device combinations mainly lists digital I/O units.
Note: 2. In the case of input/output mixed unit, the connection form pattern refers to the pattern diagram of the form that is connected to both input and output.
*1. The cable model to use is one with a cable length of 1 m. Refer to the section from page 38 for details.
*2. This Connector-Terminal Block Conversion Unit is for NPN. For PNP, reverse the polarity of the external power supply and I/O on the Connector-Terminal Block Conversion Unit.
*3. The model name of the connector terminal block depends on the polarity of the PLC (NPN/PNP).
e.g. XW2K-40G-O32A-IN (When using CJ1W-ID231 with NPN)
XW2K-40G-O32A-IN-P (When using CJ1W-ID231 with PNP)

For Omron PLC CJ Series

PLC I/O Unit				Connection pattern (page 2)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
CJ1W-ID231	32 inputs	1 Fujitsu/ Otax connector (40)	NPN/ PNP	A	XW2Z-100B	XW2K-40G-O32A	Push-In Plus	No
					XW2Z-100B	XW2K-40G-O32A-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-C1	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-C1	Slotted screw (rise up)	No
					XW2Z-100B	XW2R-N32GD-C1-COM *2	e-CON	Yes
CJ1W-ID232	32 inputs	1 MIL connector (40)	NPN/ PNP	A	XW2Z-100K	XW2K-40G-O32C	Push-In Plus	No
					XW2Z-100K	XW2K-40G-O32C-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100K	XW2R-J34GD-C2	Phillips screw	No
					XW2Z-100K	XW2R-E34GD-C2	Slotted screw (rise up)	No
					XW2Z-100K	XW2R-N32GD-C2-COM *2	e-CON	Yes
CJ1W-ID233	32 inputs	1 MIL connector (40)	NPN/ PNP	A	XW2Z-100K	XW2K-40G-O32C	Push-In Plus	No
					XW2Z-100K	XW2K-40G-O32C-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100K	XW2R-J34GD-C2	Phillips screw	No
					XW2Z-100K	XW2R-E34GD-C2	Slotted screw (rise up)	No
					XW2Z-100K	XW2R-N32GD-C2-COM *2	e-CON	Yes
CJ1W-ID261	64 inputs	2 Fujitsu/ Otax connectors (40)	NPN/ PNP	B	XW2Z-100B (2 cable)	XW2K-40G-O32A (2 pcs)	Push-In Plus	No
					XW2Z-100B (2 cable)	XW2K-40G-O32A-IN(-P) *3 (2 pcs)	Push-In Plus	Yes
					XW2Z-100B (2 cable)	XW2R-J34GD-C1 (2 pcs)	Phillips screw	No
					XW2Z-100B (2 cable)	XW2R-E34GD-C1 (2 pcs)	Slotted screw (rise up)	No
					XW2Z-100B (2 cable)	XW2R-N32GD-C1-COM (2 pcs) *2	e-CON	Yes
CJ1W-ID262	64 inputs	2 MIL connectors (40)	NPN/ PNP	B	XW2Z-100K (2 cable))	XW2K-40G-O32C (2 pcs)	Push-In Plus	No
					XW2Z-100K (2 cable)	XW2K-40G-O32C-IN(-P) *3 (2 pcs)	Push-In Plus	Yes
					XW2Z-100K (2 cable))	XW2R-J34GD-C2 (2 pcs)	Phillips screw	No
					XW2Z-100K (2 cable)	XW2R-E34GD-C2 (2 pcs)	Slotted screw (rise up)	No
					XW2Z-100K (2 cable)	XW2R-N32GD-C2-COM (2 pcs) *2	e-CON	Yes
CJ1W-OD231	32 outputs	1 Fujitsu/ Otax connector (40)	NPN	A	XW2Z-100B	XW2K-40G-O32B	Push-In Plus	No
					XW2Z-100B	XW2K-40G-O32B-OUT	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-C3	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-C3	Slotted screw (rise up)	No
CJ1W-OD232	32 outputs	1 MIL connector (40)	PNP	A	XW2Z-100K	XW2K-40G-O32C	Push-In Plus	No
					XW2Z-100K	XW2K-40G-O32C-OUT-P	Push-In Plus	Yes
					XW2Z-100K	XW2R-J34GD-C4	Phillips screw	No
					XW2Z-100K	XW2R-E34GD-C4	Slotted screw (rise up)	No

(Continued on the next page.)

PLC I/O Unit				Connection pattern (page 2)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
CJ1W-OD233	32 outputs	1 MIL connector (40)	NPN	A	XW2Z-100K	XW2K-40G-O32C	Push-In Plus	No
					XW2Z-100K	XW2K-40G-O32C-OUT	Push-In Plus	Yes
					XW2Z-100K	XW2R-J34GD-C4	Phillips screw	No
					XW2Z-100K	XW2R-E34GD-C4	Slotted screw (rise up)	No
CJ1W-OD234	32 outputs	1 MIL connector (40)	NPN	A	XW2Z-100K	XW2K-40G-O32C	Push-In Plus	No
					XW2Z-100K	XW2K-40G-O32C-OUT	Push-In Plus	Yes
					XW2Z-100K	XW2R-J34GD-C4	Phillips screw	No
					XW2Z-100K	XW2R-E34GD-C4	Slotted screw (rise up)	No
CJ1W-OD261	64 outputs	2 Fujitsu/ Otax connectors (40)	NPN	B	XW2Z-100B (2 cable)	XW2K-40G-O32B (2 pcs)	Push-In Plus	No
					XW2Z-100B (2 cable)	XW2K-40G-O32B-OUT (2 pcs)	Push-In Plus	Yes
					XW2Z-100B (2 cable)	XW2R-J34GD-C3 (2 pcs)	Phillips screw	No
					XW2Z-100B (2 cable)	XW2R-E34GD-C3 (2 pcs)	Slotted screw (rise up)	No
CJ1W-OD262	64 outputs	2 MIL connectors (40)	PNP	B	XW2Z-100K (2 cable)	XW2K-40G-O32C (2 pcs)	Push-In Plus	No
					XW2Z-100K (2 cable)	XW2K-40G-O32C-OUT-P (2 pcs)	Push-In Plus	Yes
					XW2Z-100K (2 cable)	XW2R-J34GD-C4 (2 pcs)	Phillips screw	No
					XW2Z-100K (2 cable)	XW2R-E34GD-C4 (2 pcs)	Slotted screw (rise up)	No
CJ1W-OD263	64 outputs	2 MIL connectors (40)	NPN	B	XW2Z-100K (2 cable)	XW2K-40G-O32C (2 pcs)	Push-In Plus	No
					XW2Z-100K (2 cable)	XW2K-40G-O32C-OUT (2 pcs)	Push-In Plus	Yes
					XW2Z-100K (2 cable)	XW2R-J34GD-C4 (2 pcs)	Phillips screw	No
					XW2Z-100K (2 cable)	XW2R-E34GD-C4 (2 pcs)	Slotted screw (rise up)	No
CJ1W-MD231	16 inputs	1 Fujitsu/ Otax connector (24)	NPN/ PNP	B	XW2Z-100A	XW2K-20G-T	Push-In Plus	No
					XW2Z-100A	XW2K-20G-O16A-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100A	XW2D-20G6	Phillips screw	No
					XW2Z-100A	XW2R-E20GD-T	Slotted screw (rise up)	No
	16 outputs	1 Fujitsu/ Otax connector (24)	NPN		XW2Z-100A	XW2K-20G-T	Push-In Plus	No
					XW2Z-100A	XW2K-20G-O16B-OUT	Push-In Plus	Yes
					XW2Z-100A	XW2D-20G6	Phillips screw	No
					XW2Z-100A	XW2R-E20GD-T	Slotted screw (rise up)	No
CJ1W-MD232	16 inputs	1 MIL connector (20)	NPN/ PNP	B	XW2Z-100X	XW2K-20G-T	Push-In Plus	No
					XW2Z-100X	XW2D-20G6	Phillips screw	No
					XW2Z-100X	XW2R-E20GD-T	Slotted screw (rise up)	No
	16 outputs	1 MIL connector (20)	PNP		XW2Z-100X	XW2K-20G-T	Push-In Plus	No
					XW2Z-100X	XW2D-20G6	Phillips screw	No
					XW2Z-100X	XW2R-E20GD-T	Slotted screw (rise up)	No

(Continued on the next page.)

PLC I/O Unit				Connection pattern (page 2)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
CJ1W-MD233	16 inputs	1 MIL connector (20)	NPN/ PNP	B	XW2Z-100X	XW2K-20G-T	Push-In Plus	No
					XW2Z-100X-R	XW2K-20G-O16A-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100X	XW2D-20G6	Phillips screw	No
					XW2Z-100X	XW2R-E20GD-T	Slotted screw (rise up)	No
	16 outputs	1 MIL connector (20)	NPN		XW2Z-100X	XW2K-20G-T	Push-In Plus	No
					XW2Z-100X-R	XW2K-20G-O16B-OUT	Push-In Plus	Yes
					XW2Z-100X	XW2D-20G6	Phillips screw	No
					XW2Z-100X	XW2R-E20GD-T	Slotted screw (rise up)	No
CJ1W-MD261	32 inputs	1 Fujitsu/ Otax connector (40)	NPN/ PNP	B	XW2Z-100B	XW2K-40G-O32A	Push-In Plus	No
					XW2Z-100B	XW2K-40G-O32A-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-C1	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-C1	Slotted screw (rise up)	No
					XW2Z-100B	XW2R-N32GD-C1-COM *2	e-CON	Yes
	32 outputs	1 Fujitsu/ Otax connector (40)	NPN		XW2Z-100B	XW2K-40G-O32B	Push-In Plus	No
					XW2Z-100B	XW2K-40G-O32B-OUT	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-C3	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-C3	Slotted screw (rise up)	No
CJ1W-MD263	32 inputs	1 MIL connector (40)	NPN/ PNP	B	XW2Z-100K	XW2K-40G-O32C	Push-In Plus	No
					XW2Z-100K	XW2K-40G-O32C-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100K	XW2R-J34GD-C2	Phillips screw	No
					XW2Z-100K	XW2R-E34GD-C2	Slotted screw (rise up)	No
					XW2Z-100K	XW2R-N32GD-C2-COM *2	e-CON	Yes
	32 outputs	1 MIL connector (40)	NPN		XW2Z-100K	XW2K-40G-O32C	Push-In Plus	No
					XW2Z-100K	XW2K-40G-O32C-OUT	Push-In Plus	Yes
					XW2Z-100K	XW2R-J34GD-C4	Phillips screw	No
					XW2Z-100K	XW2R-E34GD-C4	Slotted screw (rise up)	No
CJ1W-MD563	32 inputs	1 MIL connector (40)	—	B	XW2Z-100K	XW2K-40G-O32C	Push-In Plus	No
					XW2Z-100K	XW2K-40G-O32C-IN *2	Push-In Plus	Yes
					XW2Z-100K	XW2R-J34GD-C2	Phillips screw	No
					XW2Z-100K	XW2R-E34GD-C2	Slotted screw (rise up)	No
					XW2Z-100K	XW2R-N32GD-C2-COM *2	e-CON	Yes
	32 outputs	1 MIL connector (40)	—		XW2Z-100K	XW2K-40G-O32C	Push-In Plus	No
					XW2Z-100K	XW2K-40G-O32C-OUT	Push-In Plus	Yes
					XW2Z-100K	XW2R-J34GD-C4	Phillips screw	No
					XW2Z-100K	XW2R-E34GD-C4	Slotted screw (rise up)	No

Note: 1. This table of Interface Wiring System and connectable device combinations mainly lists digital I/O units.
Note: 2. In the case of input/output mixed unit, the connection form pattern refers to the pattern diagram of the form that is connected to both input and output.
*1. The cable model to use is one with a cable length of 1 m. Refer to the section from page 38 for details.
*2. This Connector-Terminal Block Conversion Unit is for NPN. For PNP, reverse the polarity of the external power supply and I/O on the Connector-Terminal Block Conversion Unit.
*3. The model name of the connector terminal block depends on the polarity of the PLC (NPN/PNP).
e.g. XW2K-40G-O32A-IN (When using CJ1W-ID231 with NPN)
XW2K-40G-O32A-IN-P (When using CJ1W-ID231 with PNP)

For Omron PLC CS Series

PLC I/O Unit				Connection pattern (page 2)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
CS1W-ID231	32 inputs	1 Fujitsu/ Otax connector (40)	NPN/ PNP	A	XW2Z-100B	XW2K-40G-O32A	Push-In Plus	No
					XW2Z-100B	XW2K-40G-O32A-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-C1	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-C1	Slotted screw (rise up)	No
					XW2Z-100B	XW2R-N32GD-C1-COM *2	e-CON	Yes
CS1W-ID261	64 inputs	2 Fujitsu/ Otax connector (40)	NPN/ PNP	B	XW2Z-100B (2 cable)	XW2K-40G-O32A (2 pcs)	Push-In Plus	No
					XW2Z-100B (2 cable)	XW2K-40G-O32A-IN(-P) *3 (2 pcs)	Push-In Plus	Yes
					XW2Z-100B (2 cable)	XW2R-J34GD-C1 (2 pcs)	Phillips screw	No
					XW2Z-100B (2 cable)	XW2R-E34GD-C1 (2 pcs)	Slotted screw (rise up)	No
					XW2Z-100B (2 cable)	XW2R-N32GD-C1-COM (2 pcs) *2	e-CON	Yes
CS1W-ID291	96 inputs	2 Fujitsu/ Otax connector (56)	NPN/ PNP	C	XW2Z-100H-2	XW2K-20G-T＋XW2K-40G-T	Push-In Plus	No
					XW2Z-100H-2	XW2D-20G6＋XW2D-40G6	Phillips screw	No
					XW2Z-100H-2	XW2R-E20GD-T＋XW2R-E40GD-T	Slotted screw (rise up)	No
				D	XW2Z-100H-3	XW2K-20G-T (3 pcs)	Push-In Plus	No
					XW2Z-100H-3	XW2D-20G6 (3 pcs)	Phillips screw	No
					XW2Z-100H-3	XW2R-E20GD-T (3 pcs)	Slotted screw (rise up)	No
CS1W-OD231	32 outputs	1 Fujitsu/ Otax connector (40)	NPN	A	XW2Z-100B	XW2K-40G-O32B	Push-In Plus	No
					XW2Z-100B	XW2K-40G-O32B-OUT	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-C3	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-C3	Slotted screw (rise up)	No
CS1W-OD232	32 outputs	1 Fujitsu/ Otax connector (40)	PNP	A	XW2Z-100B	XW2K-40G-O32B	Push-In Plus	No
					XW2Z-100B	XW2K-40G-O32B-OUT-P	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-C3	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-C3	Slotted screw (rise up)	No
CS1W-OD261	64 outputs	2 Fujitsu/ Otax connector (40)	NPN	B	XW2Z-100B (2 cable)	XW2K-40G-O32B (2 pcs)	Push-In Plus	No
					XW2Z-100B (2 cable)	XW2K-40G-O32B-OUT (2 pcs)	Push-In Plus	Yes
					XW2Z-100B (2 cable)	XW2R-J34GD-C3 (2 pcs)	Phillips screw	No
					XW2Z-100B (2 cable)	XW2R-E34GD-C3 (2 pcs)	Slotted screw (rise up)	No
CS1W-OD262	64 outputs	2 Fujitsu/ Otax connector (40)	PNP	B	XW2Z-100B (2 cable)	XW2K-40G-O32B (2 pcs)	Push-In Plus	No
					XW2Z-100B (2 cable)	XW2K-40G-O32B-OUT-P (2 pcs)	Push-In Plus	Yes
					XW2Z-100B (2 cable)	XW2R-J34GD-C3 (2 pcs)	Phillips screw	No
					XW2Z-100B (2 cable)	XW2R-E34GD-C3 (2 pcs)	Slotted screw (rise up)	No

(Continued on the next page.)

PLC I/O Unit				Connection pattern (page 2)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
CS1W-OD291	96 outputs	2 Fujitsu/ Otax connector (56)	NPN	C	XW2Z-100H-2	XW2K-20G-T＋XW2K-40G-T	Push-In Plus	No
					XW2Z-100H-2	XW2D-20G6＋XW2D-40G6	Phillips screw	No
					XW2Z-100H-2	XW2R-E20GD-T＋XW2R-E40GD-T	Slotted screw (rise up)	No
				D	XW2Z-100H-3	XW2K-20G-T (3 pcs)	Push-In Plus	No
					XW2Z-100H-3	XW2D-20G6 (3 pcs)	Phillips screw	No
					XW2Z-100H-3	XW2R-E20GD-T (3 pcs)	Slotted screw (rise up)	No
CS1W-OD292	96 outputs	2 Fujitsu/ Otax connector (56)	PNP	C	XW2Z-100H-2	XW2K-20G-T＋XW2K-40G-T	Push-In Plus	No
					XW2Z-100H-2	XW2D-20G6＋XW2D-40G6	Phillips screw	No
					XW2Z-100H-2	XW2R-E20GD-T＋XW2R-E40GD-T	Slotted screw (rise up)	No
				D	XW2Z-100H-3	XW2K-20G-T (3 pcs)	Push-In Plus	No
					XW2Z-100H-3	XW2D-20G6 (3 pcs)	Phillips screw	No
					XW2Z-100H-3	XW2R-E20GD-T (3 pcs)	Slotted screw (rise up)	No
CS1W-MD261	32 inputs	1 Fujitsu/ Otax connector (40)	NPN/ PNP	B	XW2Z-100B	XW2K-40G-O32A	Push-In Plus	No
					XW2Z-100B	XW2K-40G-O32A-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-C1	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-C1	Slotted screw (rise up)	No
					XW2Z-100B	XW2R-N32GD-C1-COM *2	e-CON	Yes
	32 outputs	1 Fujitsu/ Otax connector (40)	NPN		XW2Z-100B	XW2K-40G-O32B	Push-In Plus	No
					XW2Z-100B	XW2K-40G-O32B-OUT	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-C3	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-C3	Slotted screw (rise up)	No
CS1W-MD262	32 inputs	1 Fujitsu/ Otax connector (40)	NPN/ PNP	B	XW2Z-100B	XW2K-40G-O32A	Push-In Plus	No
					XW2Z-100B	XW2K-40G-O32A-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-C1	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-C1	Slotted screw (rise up)	No
					XW2Z-100B	XW2R-N32GD-C1-COM *2	e-CON	Yes
	32 outputs	1 Fujitsu/ Otax connector (40)	PNP		XW2Z-100B	XW2K-40G-O32B	Push-In Plus	No
					XW2Z-100B	XW2K-40G-O32B-OUT-P	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-C3	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-C3	Slotted screw (rise up)	No

(Continued on the next page.)

PLC I/O Unit				Connection pattern (page 2)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
CS1W-MD561	32 inputs	1 Fujitsu/ Otax connector (40)	NPN/ PNP	B	XW2Z-100B	XW2K-40G-O32A	Push-In Plus	No
					XW2Z-100B	XW2K-40G-O32A-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-C1	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-C1	Slotted screw (rise up)	No
					XW2Z-100B	XW2R-N32GD-C1-COM *2	e-CON	Yes
	32 outputs	1 Fujitsu/ Otax connector (40)	NPN		XW2Z-100B	XW2K-40G-O32B	Push-In Plus	No
					XW2Z-100B	XW2K-40G-O32B-OUT	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-C3	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-C3	Slotted screw (rise up)	No
CS1W-MD291	48 inputs	1 Fujitsu/ Otax connector (56)	NPN/ PNP	C	XW2Z-100H-2	XW2K-20G-T＋XW2K-40G-T	Push-In Plus	No
					XW2Z-100H-2	XW2D-20G6＋XW2D-40G6	Phillips screw	No
					XW2Z-100H-2	XW2R-E20GD-T＋XW2R-E40GD-T	Slotted screw (rise up)	No
				D	XW2Z-100H-3	XW2K-20G-T (3 pcs)	Push-In Plus	No
					XW2Z-100H-3	XW2D-20G6 (3 pcs)	Phillips screw	No
					XW2Z-100H-3	XW2R-E20GD-T (3 pcs)	Slotted screw (rise up)	No
	48 outputs	1 Fujitsu/ Otax connector (56)	NPN	C	XW2Z-100H-2	XW2K-20G-T＋XW2K-40G-T	Push-In Plus	No
					XW2Z-100H-2	XW2D-20G6＋XW2D-40G6	Phillips screw	No
					XW2Z-100H-2	XW2R-E20GD-T＋XW2R-E40GD-T	Slotted screw (rise up)	No
				D	XW2Z-100H-3	XW2K-20G-T (3 pcs)	Push-In Plus	No
					XW2Z-100H-3	XW2D-20G6 (3 pcs)	Phillips screw	No
					XW2Z-100H-3	XW2R-E20GD-T (3 pcs)	Slotted screw (rise up)	No
CS1W-MD292	48 inputs	1 Fujitsu/ Otax connector (56)	NPN/ PNP	C	XW2Z-100H-2	XW2K-20G-T＋XW2K-40G-T	Push-In Plus	No
					XW2Z-100H-2	XW2D-20G6＋XW2D-40G6	Phillips screw	No
					XW2Z-100H-2	XW2R-E20GD-T＋XW2R-E40GD-T	Slotted screw (rise up)	No
				D	XW2Z-100H-3	XW2K-20G-T (3 pcs)	Push-In Plus	No
					XW2Z-100H-3	XW2D-20G6 (3 pcs)	Phillips screw	No
					XW2Z-100H-3	XW2R-E20GD-T (3 pcs)	Slotted screw (rise up)	No
	48 outputs	1 Fujitsu/ Otax connector (56)	PNP	C	XW2Z-100H-2	XW2K-20G-T＋XW2K-40G-T	Push-In Plus	No
					XW2Z-100H-2	XW2D-20G6＋XW2D-40G6	Phillips screw	No
					XW2Z-100H-2	XW2R-E20GD-T＋XW2R-E40GD-T	Slotted screw (rise up)	No
				D	XW2Z-100H-3	XW2K-20G-T (3 pcs)	Push-In Plus	No
					XW2Z-100H-3	XW2D-20G6 (3 pcs)	Phillips screw	No
					XW2Z-100H-3	XW2R-E20GD-T (3 pcs)	Slotted screw (rise up)	No

Note: 1. This table of Interface Wiring System and connectable device combinations mainly lists digital I/O units.

Note: 2. In the case of input/output mixed unit, the connection form pattern refers to the pattern diagram of the form that is connected to both input and output.

*1. The cable model to use is one with a cable length of 1 m. Refer to the section from page 38 for details.

*2. This Connector-Terminal Block Conversion Unit is for NPN. For PNP, reverse the polarity of the external power supply and I/O on the Connector-Terminal Block Conversion Unit.

*3. The model name of the connector terminal block depends on the polarity of the PLC (NPN/PNP).
e.g. XW2K-40G-O32A-IN (When using CJ1W-ID231 with NPN)
XW2K-40G-O32A-IN-P (When using CJ1W-ID231 with PNP)

For Omron DeviceNet Slave

PLC I/O Unit				Connection pattern (page 2)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
DRT2-ID16ML	16 inputs	1 MIL connector (20)	NPN	A	XW2Z-100X	XW2K-20G-T	Push-In Plus	No
					XW2Z-100X	XW2D-20G6	Phillips screw	No
					XW2Z-100X	XW2R-E20GD-T	Slotted screw (rise up)	No
DRT2-ID16ML-1	16 inputs	1 MIL connector (20)	PNP	A	XW2Z-100X	XW2K-20G-T	Push-In Plus	No
					XW2Z-100X	XW2D-20G6	Phillips screw	No
					XW2Z-100X	XW2R-E20GD-T	Slotted screw (rise up)	No
DRT2-ID32ML	32 inputs	1 MIL connector (40)	NPN	A	XW2Z-100K	XW2K-40G-T	Push-In Plus	No
					XW2Z-100K	XW2D-40G6	Phillips screw	No
					XW2Z-100K	XW2R-E40GD-T	Slotted screw (rise up)	No
DRT2-ID32ML-1	32 inputs	1 MIL connector (40)	PNP	A	XW2Z-100K	XW2K-40G-T	Push-In Plus	No
					XW2Z-100K	XW2D-40G6	Phillips screw	No
					XW2Z-100K	XW2R-E40GD-T	Slotted screw (rise up)	No
DRT2-OD16ML	16 outputs	1 MIL connector (20)	NPN	A	XW2Z-100X	XW2K-20G-T	Push-In Plus	No
					XW2Z-100X	XW2D-20G6	Phillips screw	No
					XW2Z-100X	XW2R-E20GD-T	Slotted screw (rise up)	No
DRT2-OD16ML-1	16 outputs	1 MIL connector (20)	PNP	A	XW2Z-100X	XW2K-20G-T	Push-In Plus	No
					XW2Z-100X	XW2D-20G6	Phillips screw	No
					XW2Z-100X	XW2R-E20GD-T	Slotted screw (rise up)	No
DRT2-OD32ML	32 outputs	1 MIL connector (40)	NPN	A	XW2Z-100K	XW2K-40G-T	Push-In Plus	No
					XW2Z-100K	XW2D-40G6	Phillips screw	No
					XW2Z-100K	XW2R-E40GD-T	Slotted screw (rise up)	No
DRT2-OD32ML-1	32 outputs	1 MIL connector (40)	PNP	A	XW2Z-100K	XW2K-40G-T	Push-In Plus	No
					XW2Z-100K	XW2D-40G6	Phillips screw	No
					XW2Z-100K	XW2R-E40GD-T	Slotted screw (rise up)	No
DRT2-MD32ML	16 inputs / 16 outputs	1 MIL connector (40)	NPN	A	XW2Z-100K	XW2K-40G-T	Push-In Plus	No
					XW2Z-100K	XW2D-40G6	Phillips screw	No
					XW2Z-100K	XW2R-E40GD-T	Slotted screw (rise up)	No
DRT2-MD32ML-1	16 inputs / 16 outputs	1 MIL connector (40)	PNP	A	XW2Z-100K	XW2K-40G-T	Push-In Plus	No
					XW2Z-100K	XW2D-40G6	Phillips screw	No
					XW2Z-100K	XW2R-E40GD-T	Slotted screw (rise up)	No

(Continued on the next page.)

PLC I/O Unit				Connection pattern (page 2)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
DRT2-ID32B	32 inputs	1 MIL connector (40)	NPN	A	XW2Z-100K	XW2K-40G-T	Push-In Plus	No
					XW2Z-100K	XW2D-40G6	Phillips screw	No
					XW2Z-100K	XW2R-E40GD-T	Slotted screw (rise up)	No
DRT2-ID32B-1	32 inputs	1 MIL connector (40)	PNP	A	XW2Z-100K	XW2K-40G-T	Push-In Plus	No
					XW2Z-100K	XW2D-40G6	Phillips screw	No
					XW2Z-100K	XW2R-E40GD-T	Slotted screw (rise up)	No
DRT2-OD32B	32 outputs	1 MIL connector (40)	NPN	A	XW2Z-100K	XW2K-40G-T	Push-In Plus	No
					XW2Z-100K	XW2D-40G6	Phillips screw	No
					XW2Z-100K	XW2R-E40GD-T	Slotted screw (rise up)	No
DRT2-OD32B-1	32 outputs	1 MIL connector (40)	PNP	A	XW2Z-100K	XW2K-40G-T	Push-In Plus	No
					XW2Z-100K	XW2D-40G6	Phillips screw	No
					XW2Z-100K	XW2R-E40GD-T	Slotted screw (rise up)	No
DRT2-MD32B	16 inputs / 16 outputs	1 MIL connector (40)	NPN	A	XW2Z-100K	XW2K-40G-T	Push-In Plus	No
					XW2Z-100K	XW2D-40G6	Phillips screw	No
					XW2Z-100K	XW2R-E40GD-T	Slotted screw (rise up)	No
DRT2-MD32B-1	16 inputs / 16 outputs	1 MIL connector (40)	PNP	A	XW2Z-100K	XW2K-40G-T	Push-In Plus	No
					XW2Z-100K	XW2D-40G6	Phillips screw	No
					XW2Z-100K	XW2R-E40GD-T	Slotted screw (rise up)	No
DRT2-ID32BV	32 inputs	1 MIL connector (40)	NPN	A	XW2Z-100K	XW2K-40G-T	Push-In Plus	No
					XW2Z-100K	XW2D-40G6	Phillips screw	No
					XW2Z-100K	XW2R-E40GD-T	Slotted screw (rise up)	No
DRT2-ID32BV-1	32 inputs	1 MIL connector (40)	PNP	A	XW2Z-100K	XW2K-40G-T	Push-In Plus	No
					XW2Z-100K	XW2D-40G6	Phillips screw	No
					XW2Z-100K	XW2R-E40GD-T	Slotted screw (rise up)	No
DRT2-OD32BV	32 outputs	1 MIL connector (40)	NPN	A	XW2Z-100K	XW2K-40G-T	Push-In Plus	No
					XW2Z-100K	XW2D-40G6	Phillips screw	No
					XW2Z-100K	XW2R-E40GD-T	Slotted screw (rise up)	No
DRT2-OD32BV-1	32 outputs	1 MIL connector (40)	PNP	A	XW2Z-100K	XW2K-40G-T	Push-In Plus	No
					XW2Z-100K	XW2D-40G6	Phillips screw	No
					XW2Z-100K	XW2R-E40GD-T	Slotted screw (rise up)	No

(Continued on the next page.)

PLC I/O Unit				Connection pattern (page 2)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
DRT2-MD32BV	16 inputs / 16 outputs	1 MIL connector (40)	NPN	A	XW2Z-100K	XW2K-40G-T	Push-In Plus	No
					XW2Z-100K	XW2D-40G6	Phillips screw	No
					XW2Z-100K	XW2R-E40GD-T	Slotted screw (rise up)	No
DRT2-MD32BV-1	16 inputs / 16 outputs	1 MIL connector (40)	PNP	A	XW2Z-100K	XW2K-40G-T	Push-In Plus	No
					XW2Z-100K	XW2D-40G6	Phillips screw	No
					XW2Z-100K	XW2R-E40GD-T	Slotted screw (rise up)	No
GT1-ID16ML	16 inputs	1 Fujitsu/ Otax connector (24)	NPN	A	XW2Z-100A	XW2K-20G-T	Push-In Plus	No
					XW2Z-100A	XW2D-20G6	Phillips screw	No
					XW2Z-100A	XW2R-E20GD-T	Slotted screw (rise up)	No
GT1-ID16ML-1	16 inputs	1 Fujitsu/ Otax connector (24)	PNP	A	XW2Z-100A	XW2K-20G-T	Push-In Plus	No
					XW2Z-100A	XW2D-20G6	Phillips screw	No
					XW2Z-100A	XW2R-E20GD-T	Slotted screw (rise up)	No
GT1-ID32ML	32 inputs	1 Fujitsu/ Otax connector (40)	NPN	A	XW2Z-100B	XW2K-40G-T	Push-In Plus	No
					XW2Z-100B	XW2D-40G6	Phillips screw	No
					XW2Z-100B	XW2R-E40GD-T	Slotted screw (rise up)	No
GT1-ID32ML-1	32 inputs	1 Fujitsu/ Otax connector (40)	PNP	A	XW2Z-100B	XW2K-40G-T	Push-In Plus	No
					XW2Z-100B	XW2D-40G6	Phillips screw	No
					XW2Z-100B	XW2R-E40GD-T	Slotted screw (rise up)	No
GT1-OD16ML	16 outputs	1 Fujitsu/ Otax connector (24)	NPN	A	XW2Z-100A	XW2K-20G-T	Push-In Plus	No
					XW2Z-100A	XW2D-20G6	Phillips screw	No
					XW2Z-100A	XW2R-E20GD-T	Slotted screw (rise up)	No
GT1-OD16ML-1	16 outputs	1 Fujitsu/ Otax connector (24)	PNP	A	XW2Z-100A	XW2K-20G-T	Push-In Plus	No
					XW2Z-100A	XW2D-20G6	Phillips screw	No
					XW2Z-100A	XW2R-E20GD-T	Slotted screw (rise up)	No
GT1-OD32ML	32 outputs	1 Fujitsu/ Otax connector (40)	NPN	A	XW2Z-100B	XW2K-40G-T	Push-In Plus	No
					XW2Z-100B	XW2D-40G6	Phillips screw	No
					XW2Z-100B	XW2R-E40GD-T	Slotted screw (rise up)	No
GT1-OD32ML-1	32 outputs	1 Fujitsu/ Otax connector (40)	PNP	A	XW2Z-100B	XW2K-40G-T	Push-In Plus	No
					XW2Z-100B	XW2D-40G6	Phillips screw	No
					XW2Z-100B	XW2R-E40GD-T	Slotted screw (rise up)	No

＊1. The cable model to use is one with a cable length of 1 m. Refer to the section from page 38 for details.

For Mitsubishi Electric PLC MELSEC L Series

PLC I/O Unit				Connection pattern (page 2)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
LX41C4	32 inputs	1 Fujitsu/ Otax connector (40)	NPN/ PNP	A	XW2Z-100B	XW2K-40G-M32	Push-In Plus	No
					XW2Z-100B	XW2K-40G-M32-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-M1	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-M1	Slotted screw (rise up)	No
LX42C4	64 inputs	2 Fujitsu/ Otax connectors (40)	NPN/ PNP	B	XW2Z-100B (2 cable)	XW2K-40G-M32 (2 pcs)	Push-In Plus	No
					XW2Z-100B (2 cable)	XW2K-40G-M32-IN(-P) *3 (2 pcs)	Push-In Plus	Yes
					XW2Z-100B (2 cable)	XW2R-J34GD-M1 (2 pcs)	Phillips screw	No
					XW2Z-100B (2 cable)	XW2R-E34GD-M1 (2 pcs)	Slotted screw (rise up)	No
LY41NT1P	32 outputs	1 Fujitsu/ Otax connector (40)	NPN	A	XW2Z-100B	XW2K-40G-M32	Push-In Plus	No
					XW2Z-100B	XW2K-40G-M32-OUT	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-M2	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-M2	Slotted screw (rise up)	No
LY41PT1P	32 outputs	1 Fujitsu/ Otax connector (40)	PNP	A	XW2Z-100B	XW2K-40G-M32-OUT-P	Push-In Plus	No
					XW2Z-100B	XW2R-J34GD-M2	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-M2	Slotted screw (rise up)	No
LY42NT1P	64 outputs	2 Fujitsu/ Otax connectors (40)	NPN	B	XW2Z-100B (2 cable)	XW2K-40G-M32 (2 pcs)	Push-In Plus	No
					XW2Z-100B (2 cable)	XW2K-40G-M32-OUT (2 pcs)	Push-In Plus	Yes
					XW2Z-100B (2 cable)	XW2R-J34GD-M2 (2 pcs)	Phillips screw	No
					XW2Z-100B (2 cable)	XW2R-E34GD-M2 (2 pcs)	Slotted screw (rise up)	No
LY42PT1P	64 outputs	2 Fujitsu/ Otax connectors (40)	PNP	B	XW2Z-100B (2 cable)	XW2K-40G-M32-OUT-P (2 pcs)	Push-In Plus	No
					XW2Z-100B (2 cable)	XW2R-J34GD-M2 (2 pcs)	Phillips screw	No
					XW2Z-100B (2 cable)	XW2R-E34GD-M2 (2 pcs)	Slotted screw (rise up)	No
LH42C4NT1P	32 inputs	1 Fujitsu/ Otax connector (40)	NPN/ PNP	B	XW2Z-100B	XW2K-40G-M32	Push-In Plus	No
					XW2Z-100B	XW2K-40G-M32-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-M1	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-M1	Slotted screw (rise up)	No
	32 outputs	1 Fujitsu/ Otax connector (40)	NPN		XW2Z-100B	XW2K-40G-M32	Push-In Plus	No
					XW2Z-100B	XW2K-40G-M32-OUT	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-M2	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-M2	Slotted screw (rise up)	No
LH42C4PT1P	32 inputs	1 Fujitsu/ Otax connector (40)	NPN/ PNP	B	XW2Z-100B	XW2K-40G-M32	Push-In Plus	No
					XW2Z-100B	XW2K-40G-M32-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-M1	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-M1	Slotted screw (rise up)	No
	32 outputs	1 Fujitsu/ Otax connector (40)	PNP		XW2Z-100B	XW2K-40G-M32-OUT-P	Push-In Plus	No
					XW2Z-100B	XW2R-J34GD-M2	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-M2	Slotted screw (rise up)	No

(Continued on the next page.)

For Mitsubishi Electric PLC MELSEC Q Series

PLC I/O Unit				Connection pattern (page 2)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
QX41 QX41-S1 QX41-S2 QX71	32 inputs	1 Fujitsu/ Otax connector (40)	NPN/ PNP	A	XW2Z-100B	XW2K-40G-M32	Push-In Plus	No
					XW2Z-100B	XW2K-40G-M32-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-M1	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-M1	Slotted screw (rise up)	No
QX42 QX42-S1 QX72 QX82 QX82-S1	64 inputs	2 Fujitsu/ Otax connectors (40)	NPN/ PNP	B	XW2Z-100B (2 cable)	XW2K-40G-M32 (2 pcs)	Push-In Plus	No
					XW2Z-100B (2 cable)	XW2K-40G-M32-IN(-P) *3 (2 pcs)	Push-In Plus	Yes
					XW2Z-100B (2 cable)	XW2R-J34GD-M1 (2 pcs)	Phillips screw	No
					XW2Z-100B (2 cable)	XW2R-E34GD-M1 (2 pcs)	Slotted screw (rise up)	No
QY41P QY71	32 outputs	1 Fujitsu/ Otax connector (40)	NPN	A	XW2Z-100B	XW2K-40G-M32	Push-In Plus	No
					XW2Z-100B	XW2K-40G-M32-OUT *2	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-M2	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-M2	Slotted screw (rise up)	No
QY42P	64 outputs	2 Fujitsu/ Otax connectors (40)	NPN	B	XW2Z-100B (2 cable)	XW2K-40G-M32 (2 pcs)	Push-In Plus	No
					XW2Z-100B (2 cable)	XW2K-40G-M32-OUT (2 pcs)	Push-In Plus	Yes
					XW2Z-100B (2 cable)	XW2R-J34GD-M2 (2 pcs)	Phillips screw	No
					XW2Z-100B (2 cable)	XW2R-E34GD-M2 (2 pcs)	Slotted screw (rise up)	No
QY82P	64 outputs	2 Fujitsu/ Otax connectors (40)	PNP	B	XW2Z-100B (2 cable)	XW2K-40G-M32-OUT-P (2 pcs)	Push-In Plus	No
					XW2Z-100B (2 cable)	XW2R-J34GD-M2 (2 pcs)	Phillips screw	No
					XW2Z-100B (2 cable)	XW2R-E34GD-M2 (2 pcs)	Slotted screw (rise up)	No
QH42P QX41Y41P	32 inputs	1 Fujitsu/ Otax connector (40)	NPN/ PNP	B	XW2Z-100B	XW2K-40G-M32	Push-In Plus	No
					XW2Z-100B	XW2K-40G-M32-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-M1	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-M1	Slotted screw (rise up)	No
	32 outputs	1 Fujitsu/ Otax connector (40)	NPN		XW2Z-100B	XW2K-40G-M32	Push-In Plus	No
					XW2Z-100B	XW2K-40G-M32-OUT	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-M2	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-M2	Slotted screw (rise up)	No

Note: 1. This table of Interface Wiring System and connectable device combinations mainly lists digital I/O units.
Note: 2. In the case of input/output mixed unit, the connection form pattern refers to the pattern diagram of the form that is connected to both input and output.
*1. The cable model to use is one with a cable length of 1 m. Refer to the section from page 38 for details.
*2. This Connector-Terminal Block Conversion Unit is for NPN. For PNP, reverse the polarity of the external power supply and I/O on the Connector-Terminal Block Conversion Unit.
*3. The model name of the connector terminal block depends on the polarity of the PLC (NPN/PNP).
e.g. XW2K-40G-O32A-IN (When using CJ1W-ID231 with NPN)
XW2K-40G-O32A-IN-P (When using CJ1W-ID231 with PNP)

For Mitsubishi Electric PLC MELSEC iQ-R Series

PLC I/O Unit				Connection pattern (page 2)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
RX41C4 RX71C4 RX41C6HS RX61C6HS	32 inputs	1 Fujitsu/ Otax connector (40)	NPN/ PNP	A	XW2Z-100B	XW2K-40G-M32	Push-In Plus	No
					XW2Z-100B	XW2K-40G-M32-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-M1	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-M1	Slotted screw (rise up)	No
RX42C4 RX72C4	64 inputs	2 Fujitsu/ Otax connectors (40)	NPN/ PNP	B	XW2Z-100B (2Cable)	XW2K-40G-M32 (2 pcs)	Push-In Plus	No
					XW2Z-100B (2Cable)	XW2K-40G-M32-IN(-P) *3 (2 pcs)	Push-In Plus	Yes
					XW2Z-100B (2Cable)	XW2R-J34GD-M1 (2 pcs)	Phillips screw	No
					XW2Z-100B (2Cable)	XW2R-E34GD-M1 (2 pcs)	Slotted screw (rise up)	No
RY41NT2P RY41NT2H	32 outputs	1 Fujitsu/ Otax connector (40)	NPN	A	XW2Z-100B	XW2K-40G-M32	Push-In Plus	No
					XW2Z-100B	XW2K-40G-M32-OUT	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-M2	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-M2	Slotted screw (rise up)	No
RY41PT1P RY41PT2H	32 outputs	1 Fujitsu/ Otax connector (40)	PNP	A	XW2Z-100B	XW2K-40G-M32-OUT-P	Push-In Plus	No
					XW2Z-100B	XW2R-J34GD-M2	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-M2	Slotted screw (rise up)	No
RY42NT2P	64 outputs	2 Fujitsu/ Otax connectors (40)	NPN	B	XW2Z-100B (2Cable)	XW2K-40G-M32 (2 pcs)	Push-In Plus	No
					XW2Z-100B (2Cable)	XW2K-40G-M32-OUT (2 pcs)	Push-In Plus	Yes
					XW2Z-100B (2Cable)	XW2R-J34GD-M2 (2 pcs)	Phillips screw	No
					XW2Z-100B (2Cable)	XW2R-E34GD-M2 (2 pcs)	Slotted screw (rise up)	No
RY42PT1P	64 outputs	2 Fujitsu/ Otax connectors (40)	PNP	B	XW2Z-100B (2Cable)	XW2K-40G-M32-OUT-P (2 pcs)	Push-In Plus	No
					XW2Z-100B (2Cable)	XW2R-J34GD-M2 (2 pcs)	Phillips screw	No
					XW2Z-100B (2Cable)	XW2R-E34GD-M2 (2 pcs)	Slotted screw (rise up)	No
RH42C4NT2P	32 inputs	1 Fujitsu/ Otax connector (40)	NPN/ PNP	B	XW2Z-100B	XW2K-40G-M32	Push-In Plus	No
					XW2Z-100B	XW2K-40G-M32-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-M1	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-M1	Slotted screw (rise up)	No
	32 outputs	1 Fujitsu/ Otax connector (40)	NPN		XW2Z-100B	XW2K-40G-M32	Push-In Plus	No
					XW2Z-100B	XW2K-40G-M32-OUT	Push-In Plus	Yes
					XW2Z-100B	XW2R-J34GD-M2	Phillips screw	No
					XW2Z-100B	XW2R-E34GD-M2	Slotted screw (rise up)	No

Note: 1. This table of Interface Wiring System and connectable device combinations mainly lists digital I/O units.
Note: 2. In the case of input/output mixed unit, the connection form pattern refers to the pattern diagram of the form that is connected to both input and output.
*1. The cable model to use is one with a cable length of 1 m. Refer to the section from page 38 for details.
*2. This Connector-Terminal Block Conversion Unit is for NPN. For PNP, reverse the polarity of the external power supply and I/O on the Connector-Terminal Block Conversion Unit.
*3. The model name of the connector terminal block depends on the polarity of the PLC (NPN/PNP).
e.g. XW2K-40G-O32A-IN (When using CJ1W-ID231 with NPN)
XW2K-40G-O32A-IN-P (When using CJ1W-ID231 with PNP)

For KEYENCE PLC KV Series

PLC I/O Unit				Connection pattern (page 2)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
KV-C32XA	32 inputs	1 MIL connector (34)	NPN/PNP	A	XW2Z-100EE	XW2K-34G-K32	Push-In Plus	No
					XW2Z-100EE	XW2K-34G-K32-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100EE	XW2R-J34GD-K1	Phillips screw	No
					XW2Z-100EE	XW2R-E34GD-K1	Slotted screw (rise up)	No
KV-C32XC	32 inputs	1 MIL connector (34)	NPN/PNP	A	XW2Z-100EE	XW2K-34G-K32	Push-In Plus	No
					XW2Z-100EE	XW2K-34G-K32-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100EE	XW2R-J34GD-K1	Phillips screw	No
					XW2Z-100EE	XW2R-E34GD-K1	Slotted screw (rise up)	No
KV-C64XA	64 inputs	2 MIL connectors (34)	NPN/PNP	B	XW2Z-100EE (2 cable)	XW2K-34G-K32 (2 pcs)	Push-In Plus	No
					XW2Z-100EE (2 cable)	XW2K-34G-K32-IN(-P) *3 (2 pcs)	Push-In Plus	Yes
					XW2Z-100EE (2 cable)	XW2R-J34GD-K1 (2 pcs)	Phillips screw	No
					XW2Z-100EE (2 cable)	XW2R-E34GD-K1 (2 pcs)	Slotted screw (rise up)	No
KV-C64XC	64 inputs	2 MIL connectors (34)	NPN/PNP	B	XW2Z-100EE (2 cable)	XW2K-34G-K32 (2 pcs)	Push-In Plus	No
					XW2Z-100EE (2 cable)	XW2K-34G-K32-IN(-P) *3 (2 pcs)	Push-In Plus	Yes
					XW2Z-100EE (2 cable)	XW2R-J34GD-K1 (2 pcs)	Phillips screw	No
					XW2Z-100EE (2 cable)	XW2R-E34GD-K1 (2 pcs)	Slotted screw (rise up)	No
KV-C32TA	32 outputs	1 MIL connector (34)	NPN	A	XW2Z-100EE	XW2K-34G-K32	Push-In Plus	No
					XW2Z-100EE	XW2K-34G-K32-OUT	Push-In Plus	Yes
					XW2Z-100EE	XW2R-J34GD-K1	Phillips screw	No
					XW2Z-100EE	XW2R-E34GD-K1	Slotted screw (rise up)	No
KV-C32TC	32 outputs	1 MIL connector (34)	NPN	A	XW2Z-100EE	XW2K-34G-K32	Push-In Plus	No
					XW2Z-100EE	XW2K-34G-K32-OUT	Push-In Plus	Yes
					XW2Z-100EE	XW2R-J34GD-K1	Phillips screw	No
					XW2Z-100EE	XW2R-E34GD-K1	Slotted screw (rise up)	No
KV-C32TD	32 outputs	1 MIL connector (34)	NPN	A	XW2Z-100EE	XW2K-34G-K32	Push-In Plus	No
					XW2Z-100EE	XW2K-34G-K32-OUT	Push-In Plus	Yes
					XW2Z-100EE	XW2R-J34GD-K1	Phillips screw	No
					XW2Z-100EE	XW2R-E34GD-K1	Slotted screw (rise up)	No
KV-C32TCP	32 outputs	1 MIL connector (34)	PNP	A	XW2Z-100EE	XW2K-34G-K32-OUT-P	Push-In Plus	No
					XW2Z-100EE	XW2R-J34GD-K1	Phillips screw	No
					XW2Z-100EE	XW2R-E34GD-K1	Slotted screw (rise up)	No
KV-C64TA	64 outputs	2 MIL connectors (34)	NPN	B	XW2Z-100EE (2 cable)	XW2K-34G-K32 (2 pcs)	Push-In Plus	No
					XW2Z-100EE (2 cable)	XW2K-34G-K32-OUT (2 pcs)	Push-In Plus	Yes
					XW2Z-100EE (2 cable)	XW2R-J34GD-K1 (2 pcs)	Phillips screw	No
					XW2Z-100EE (2 cable)	XW2R-E34GD-K1 (2 pcs)	Slotted screw (rise up)	No

(Continued on the next page.)

PLC I/O Unit				Connection pattern (page 2)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
KV-C64TC	64 outputs	2 MIL connectors (34)	NPN	B	XW2Z-100EE (2 cable)	XW2K-34G-K32 (2 pcs)	Push-In Plus	No
					XW2Z-100EE (2 cable)	XW2K-34G-K32-OUT (2 pcs)	Push-In Plus	Yes
					XW2Z-100EE (2 cable)	XW2R-J34GD-K1 (2 pcs)	Phillips screw	No
					XW2Z-100EE (2 cable)	XW2R-E34GD-K1 (2 pcs)	Slotted screw (rise up)	No
KV-C64TD	64 outputs	2 MIL connectors (34)	NPN	B	XW2Z-100EE (2 cable)	XW2K-34G-K32 (2 pcs)	Push-In Plus	No
					XW2Z-100EE (2 cable)	XW2K-34G-K32-OUT (2 pcs)	Push-In Plus	Yes
					XW2Z-100EE (2 cable)	XW2R-J34GD-K1 (2 pcs)	Phillips screw	No
					XW2Z-100EE (2 cable)	XW2R-E34GD-K1 (2 pcs)	Slotted screw (rise up)	No
KV-C64TCP	64 outputs	2 MIL connectors (34)	PNP	B	XW2Z-100EE (2 cable)	XW2K-34G-K32-OUT-P (2 pcs)	Push-In Plus	No
					XW2Z-100EE (2 cable)	XW2R-J34GD-K1 (2 pcs)	Phillips screw	No
					XW2Z-100EE (2 cable)	XW2R-E34GD-K1 (2 pcs)	Slotted screw (rise up)	No
KV-C16XTD	16 inputs / 16 outputs	1 MIL connector (34)	NPN	A	XW2Z-100EE	XW2K-34G-K32	Push-In Plus	No
					XW2Z-100EE	XW2D-34G6	Phillips screw	No
					XW2Z-100EE	XW2R-E34GD-T	Slotted screw (rise up)	No
KV-C32XTD	32 inputs	1 MIL connector (34)	NPN/ PNP	B	XW2Z-100EE	XW2K-34G-K32	Push-In Plus	No
					XW2Z-100EE	XW2K-34G-K32-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100EE	XW2R-J34GD-K1	Phillips screw	No
					XW2Z-100EE	XW2R-E34GD-K1	Slotted screw (rise up)	No
	32 outputs	1 MIL connector (34)	NPN		XW2Z-100EE	XW2K-34G-K32	Push-In Plus	No
					XW2Z-100EE	XW2K-34G-K32-OUT	Push-In Plus	Yes
					XW2Z-100EE	XW2R-J34GD-K1	Phillips screw	No
					XW2Z-100EE	XW2R-E34GD-K1	Slotted screw (rise up)	No
KV-SIR32XT	32 inputs	1 MIL connector (40)	NPN/ PNP	B	XW2Z-100K	XW2K-40G-T	Push-In Plus	No
					XW2Z-100K	XW2D-40G6	Phillips screw	No
					XW2Z-100K	XW2R-E40GD-T	Slotted screw (rise up)	No
	32 outputs	1 MIL connector (40)	NPN		XW2Z-100K	XW2K-40G-T	Push-In Plus	No
					XW2Z-100K	XW2D-40G6	Phillips screw	No
					XW2Z-100K	XW2R-E40GD-T	Slotted screw (rise up)	No

Note: 1. This table of Interface Wiring System and connectable device combinations mainly lists digital I/O units.
Note: 2. In the case of input/output mixed unit, the connection form pattern refers to the pattern diagram of the form that is connected to both input and output.
*1. The cable model to use is one with a cable length of 1 m. Refer to the section from page 38 for details.
*2. This Connector-Terminal Block Conversion Unit is for NPN. For PNP, reverse the polarity of the external power supply and I/O on the Connector-Terminal Block Conversion Unit.
*3. The model name of the connector terminal block depends on the polarity of the PLC (NPN/PNP).
e.g. XW2K-40G-O32A-IN (When using CJ1W-ID231 with NPN)
XW2K-40G-O32A-IN-P (When using CJ1W-ID231 with PNP)

For KEYENCE PLC KV Nano Series

PLC I/O Unit				Connection pattern (page 2)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
KV-NC32EX	32 inputs	1 MIL connector (34)	NPN/PNP	A	XW2Z-100EE	XW2K-34G-K32	Push-In Plus	No
					XW2Z-100EE	XW2K-34G-K32-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100EE	XW2R-J34GD-K1	Phillips screw	No
					XW2Z-100EE	XW2R-E34GD-K1	Slotted screw (rise up)	No
KV-NC32ET	32 outputs	1 MIL connector (34)	NPN	A	XW2Z-100EE	XW2K-34G-K32	Push-In Plus	No
					XW2Z-100EE	XW2K-34G-K32-OUT	Push-In Plus	Yes
					XW2Z-100EE	XW2R-J34GD-K1	Phillips screw	No
					XW2Z-100EE	XW2R-E34GD-K1	Slotted screw (rise up)	No
KV-NC16EXT	16 inputs / 16 outputs	1 MIL connector (34)	NPN	A	XW2Z-100EE	XW2K-34G-K32	Push-In Plus	No
					XW2Z-100EE	XW2D-34G6	Phillips screw	No
					XW2Z-100EE	XW2R-E34GD-T	Slotted screw (rise up)	No
KV-NC32EXT	32 inputs	1 MIL connector (34)	NPN/PNP	B	XW2Z-100EE	XW2K-34G-K32	Push-In Plus	No
					XW2Z-100EE	XW2K-34G-K32-IN(-P) *3	Push-In Plus	Yes
					XW2Z-100EE	XW2R-J34GD-K1	Phillips screw	No
					XW2Z-100EE	XW2R-E34GD-K1	Slotted screw (rise up)	No
	32 outputs	1 MIL connector (34)	NPN		XW2Z-100EE	XW2K-34G-K32	Push-In Plus	No
					XW2Z-100EE	XW2K-34G-K32-OUT	Push-In Plus	Yes
					XW2Z-100EE	XW2R-J34GD-K1	Phillips screw	No
					XW2Z-100EE	XW2R-E34GD-K1	Slotted screw (rise up)	No

Note: 1. This table of Interface Wiring System and connectable device combinations mainly lists digital I/O units.
Note: 2. In the case of input/output mixed unit, the connection form pattern refers to the pattern diagram of the form that is connected to both input and output.
*1. The cable model to use is one with a cable length of 1 m. Refer to the section from page 38 for details.
*2. This Connector-Terminal Block Conversion Unit is for NPN. For PNP, reverse the polarity of the external power supply and I/O on the Connector-Terminal Block Conversion Unit.
*3. The model name of the connector terminal block depends on the polarity of the PLC (NPN/PNP).
e.g. XW2K-40G-O32A-IN (When using CJ1W-ID231 with NPN)
XW2K-40G-O32A-IN-P (When using CJ1W-ID231 with PNP)

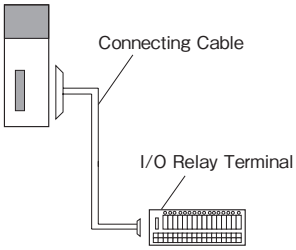
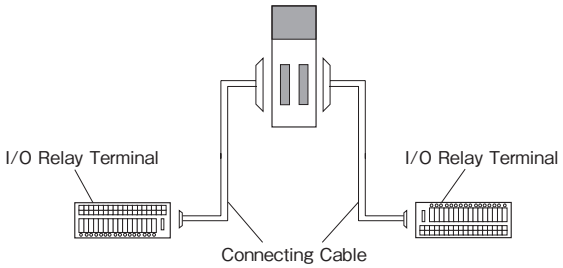
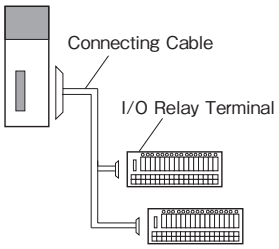
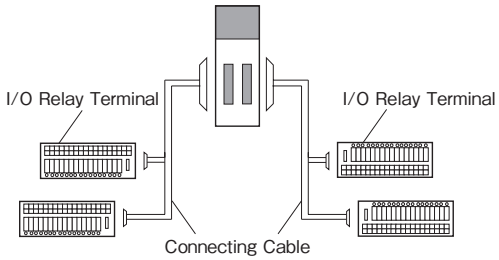
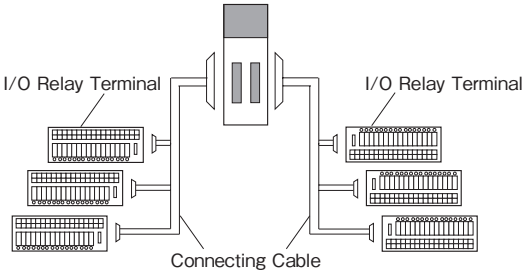
Table of I/O Relay Terminal and connectable device combinations



G70V/G7TC/G70A/G70D

This catalogue Page 20 to 37 shows a table of the patterns and combinations in which I/O Relay Terminal and connectable devices (PLC I/O units, DeviceNet Units) can be connected. For the detailed specifications and connection diagrams of each device, see the data sheet of the related product.

Connection type pattern

Pattern	Configuration
A	
B	
C	
D	
E	

For Omron PLC NX Series

PLC I/O Unit				Connection pattern (page 20)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
NX-ID5142-5	16 inputs	1 MIL connector (20)	NPN	A	XW2Z-RO50C	G7TC-ID16	Phillips screw	No
					XW2Z-RO50C	G7TC-IA16	Phillips screw	No
					XW2Z-RO50C	G70V-SID16P	Push-In Plus	No
					XW2Z-RO50C	G70V-SID16P-C16	Push-In Plus	Yes
			PNP		XW2Z-RO50C	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RO50C	G70V-SID16P-1-C16	Push-In Plus	Yes
NX-ID6142-5	32 inputs	1 MIL connector (40)	NPN	C	XW2Z-RO100-75-D1	G7TC-ID16	Phillips screw	No
					XW2Z-RO100-75-D1	G7TC-IA16	Phillips screw	No
					XW2Z-RO100-75-D1	G70V-SID16P	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SID16P-C16	Push-In Plus	Yes
			PNP		XW2Z-RO100-75-D1	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SID16P-1-C16	Push-In Plus	Yes
NX-ID6142-6	32 inputs	1 Fujitsu/ Otax connector (40)	NPN	C	XW2Z-RI100C-75	G7TC-ID16	Phillips screw	No
					XW2Z-RI100C-75	G7TC-IA16	Phillips screw	No
					XW2Z-RI100C-75	G70V-SID16P	Push-In Plus	No
					XW2Z-RI100C-75	G70V-SID16P-C16	Push-In Plus	Yes
			PNP		XW2Z-RI100C-75	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RI100C-75	G70V-SID16P-1-C16	Push-In Plus	Yes
NX-OD5121-5	16 outputs	1 MIL connector (20)	NPN	A	XW2Z-RO50C	G7TC-OC16	Phillips screw	No
					XW2Z-RO50C	G70D-SOC16	Phillips screw	No
					XW2Z-RO50C	G70D-FOM16	Phillips screw	No
					XW2Z-RO50C	G70D-VSOC16	Phillips screw	No
					XW2Z-RO50C	G70D-VFOM16	Phillips screw	No
					XW2Z-RO50C	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO50C	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO50C	G70V-SOC16P-C4	Push-In Plus	Yes
NX-OD5256-5	16 outputs	1 MIL connector (20)	PNP	A	XW2Z-RI100C	G7TC-OC16-1	Phillips screw	No
					XW2Z-RO50C	G70D-SOC16-1	Phillips screw	No
					XW2Z-RO50C	G70D-FOM16-1	Phillips screw	No
					XW2Z-RO50C	G70A-ZOC16-4	Phillips screw	No
					XW2Z-RO50C	G70V-SOC16P-1	Push-In Plus	No
					XW2Z-RO50C	G70V-SOC16P-1-C4	Push-In Plus	Yes

(Continued on the next page.)

PLC I/O Unit				Connection pattern (page 20)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
NX-OD6121-5	32 outputs	1 MIL connector (40)	NPN	C	XW2Z-RO100-75-D1	G7TC-OC16	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-SOC16	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-FOM16	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-VSOC16	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-VFOM16	Phillips screw	No
					XW2Z-RO100-75-D1	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO100-75-D1	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SOC16P-C4	Push-In Plus	Yes
NX-OD6121-6	32 outputs	1 Fujitsu/ Otax connector (40)	NPN	C	XW2Z-RO100C-75	G7TC-OC16	Phillips screw	No
					XW2Z-RO100C-75	G70D-SOC16	Phillips screw	No
					XW2Z-RO100C-75	G70D-FOM16	Phillips screw	No
					XW2Z-RO100C-75	G70D-VSOC16	Phillips screw	No
					XW2Z-RO100C-75	G70D-VFOM16	Phillips screw	No
					XW2Z-RO100C-75	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO100C-75	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO100C-75	G70V-SOC16P-C4	Push-In Plus	Yes
NX-OD6256-5	32 outputs	1 MIL connector (40)	PNP	C	XW2Z-RI100-75-D1	G7TC-OC16-1	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-SOC16-1	Phillips screw	No
					XW2Z-RO100-75-D1	G70A-ZOC16-4	Phillips screw	No
NX-MD6121-5	16 inputs	1 MIL connector (20)	NPN	B	XW2Z-RO50C	G7TC-ID16	Phillips screw	No
					XW2Z-RO50C	G7TC-IA16	Phillips screw	No
					XW2Z-RO50C	G70V-SID16P	Push-In Plus	No
					XW2Z-RO50C	G70V-SID16P-C16	Push-In Plus	Yes
					XW2Z-RO50C	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RO50C	G70V-SID16P-1-C16	Push-In Plus	Yes
	16 outputs	1 MIL connector (20)	NPN		XW2Z-RO50C	G7TC-OC16	Phillips screw	No
					XW2Z-RO50C	G70D-SOC16	Phillips screw	No
					XW2Z-RO50C	G70D-FOM16	Phillips screw	No
					XW2Z-RO50C	G70D-VSOC16	Phillips screw	No
					XW2Z-RO50C	G70D-VFOM16	Phillips screw	No
					XW2Z-RO50C	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO50C	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO50C	G70V-SOC16P-C4	Push-In Plus	Yes

(Continued on the next page.)

PLC I/O Unit				Connection pattern (page 20)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
NX-MD6121-6	16 inputs	1 Fujitsu/ Otax connector (24)	NPN	B	XW2Z-R100C	G7TC-IA16	Phillips screw	No
					XW2Z-R100C	G7TC-ID16	Phillips screw	No
					XW2Z-R100C	G70V-SID16P	Push-In Plus	No
					XW2Z-R100C	G70V-SID16P-C16	Push-In Plus	Yes
					XW2Z-RO50C	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RO50C	G70V-SID16P-1-C16	Push-In Plus	Yes
	16 outputs	1 Fujitsu/ Otax connector (24)	NPN		XW2Z-RO50C	G7TC-OC16	Phillips screw	No
					XW2Z-R100C	G70D-SOC16	Phillips screw	No
					XW2Z-R100C	G70D-FOM16	Phillips screw	No
					XW2Z-R100C	G70D-VSOC16	Phillips screw	No
					XW2Z-R100C	G70D-VFOM16	Phillips screw	No
					XW2Z-R100C	G70A-ZOC16-3	Phillips screw	No
					XW2Z-R100C	G70V-SOC16P	Push-In Plus	No
					XW2Z-R100C	G70V-SOC16P-C4	Push-In Plus	Yes
NX-MD6256-5	16 inputs	1 MIL connector (20)	PNP	B	XW2Z-RO50C	G7TC-IA16	Phillips screw	No
					XW2Z-RO50C	G7TC-ID16	Phillips screw	No
					XW2Z-RO50C	G70V-SID16P	Push-In Plus	No
					XW2Z-RO50C	G70V-SID16P-C16	Push-In Plus	Yes
					XW2Z-RO50C	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RO50C	G70V-SID16P-1-C16	Push-In Plus	Yes
	16 outputs	1 MIL connector (20)	PNP		XW2Z-RO50C	G7TC-OC16-1	Phillips screw	No
					XW2Z-RI100C	G70D-SOC16-1	Phillips screw	No
					XW2Z-RI100C	G70A-ZOC16-4	Phillips screw	No
					XW2Z-RI100C	G70V-SOC16P-1	Push-In Plus	No
					XW2Z-RI100C	G70V-SOC16P-1-C4	Push-In Plus	Yes

Note: 1. This Table of I/O Relay Terminal and connectable device combinations mainly lists digital I/O units.
Note: 2. In the case of input/output mixed unit, the connection form pattern refers to the pattern diagram of the form that is connected to both input and output.
*1. The cable model to use is one with a cable length of 1 m. The cable length of the XW2Z-RO50C is 0.5 m. Refer to the section from page 40 for details.

For Omron PLC CJ Series

PLC I/O Unit				Connection pattern (page 20)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
CJ1W-ID231	32 inputs	1 Fujitsu/ Otax connector (40)	NPN	C	XW2Z-RI100C-75	G7TC-ID16	Phillips screw	No
					XW2Z-RI100C-75	G7TC-IA16	Phillips screw	No
					XW2Z-RI100C-75	G70V-SID16P	Push-In Plus	No
					XW2Z-RI100C-75	G70V-SID16P-C16	Push-In Plus	Yes
			PNP		XW2Z-RI100C-75	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RI100C-75	G70V-SID16P-1-C16	Push-In Plus	Yes
CJ1W-ID232	32 inputs	1 MIL connector (40)	NPN	C	XW2Z-RO100-75-D1	G7TC-ID16	Phillips screw	No
					XW2Z-RO100-75-D1	G7TC-IA16	Phillips screw	No
					XW2Z-RO100-75-D1	G70V-SID16P	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SID16P-C16	Push-In Plus	Yes
			PNP		XW2Z-RO100-75-D1	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SID16P-1-C16	Push-In Plus	Yes
CJ1W-ID233	32 inputs	1 MIL connector (40)	NPN	C	XW2Z-RO100-75-D1	G7TC-ID16	Phillips screw	No
					XW2Z-RO100-75-D1	G7TC-IA16	Phillips screw	No
					XW2Z-RO100-75-D1	G70V-SID16P	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SID16P-C16	Push-In Plus	Yes
			PNP		XW2Z-RO100-75-D1	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SID16P-1-C16	Push-In Plus	Yes
CJ1W-ID261	64 inputs	2 Fujitsu/ Otax connectors (40)	NPN	D	XW2Z-RI100C-75	G7TC-ID16	Phillips screw	No
					XW2Z-RI100C-75	G7TC-IA16	Phillips screw	No
					XW2Z-RI100C-75	G70V-SID16P	Push-In Plus	No
					XW2Z-RI100C-75	G70V-SID16P-C16	Push-In Plus	Yes
			PNP		XW2Z-RI100C-75	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RI100C-75	G70V-SID16P-1-C16	Push-In Plus	Yes
CJ1W-ID262	64 inputs	2 MIL connectors (40)	NPN	D	XW2Z-RO100-75-D1	G7TC-ID16	Phillips screw	No
					XW2Z-RO100-75-D1	G7TC-IA16	Phillips screw	No
					XW2Z-RO100-75-D1	G70V-SID16P	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SID16P-C16	Push-In Plus	Yes
			PNP		XW2Z-RO100-75-D1	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SID16P-1-C16	Push-In Plus	Yes

(Continued on the next page.)

PLC I/O Unit				Connection pattern (page 20)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
CJ1W-OD231	32 outputs	1 Fujitsu/ Otax connector (40)	NPN	C	XW2Z-RO100C-75	G7TC-OC16	Phillips screw	No
					XW2Z-RO100C-75	G70D-SOC16	Phillips screw	No
					XW2Z-RO100C-75	G70D-FOM16	Phillips screw	No
					XW2Z-RO100C-75	G70D-VSOC16	Phillips screw	No
					XW2Z-RO100C-75	G70D-VFOM16	Phillips screw	No
					XW2Z-RO100C-75	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO100C-75	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO100C-75	G70V-SOC16P-C4	Push-In Plus	Yes
CJ1W-OD232	32 outputs	1 MIL connector (40)	PNP	C	XW2Z-RI100-75-D1	G7TC-OC16-1	Phillips screw	No
					XW2Z-RO100-75-D1	G70A-ZOC16-4	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-SOC16-1	Phillips screw	No
CJ1W-OD233	32 outputs	1 MIL connector (40)	NPN	C	XW2Z-RO100-75-D1	G7TC-OC16	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-SOC16	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-FOM16	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-VSOC16	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-VFOM16	Phillips screw	No
					XW2Z-RO100-75-D1	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO100-75-D1	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SOC16P-C4	Push-In Plus	Yes
CJ1W-OD234	32 outputs	1 MIL connector (40)	NPN	C	XW2Z-RO100-75-D1	G7TC-OC16	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-SOC16	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-FOM16	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-VSOC16	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-VFOM16	Phillips screw	No
					XW2Z-RO100-75-D1	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO100-75-D1	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SOC16P-C4	Push-In Plus	Yes
CJ1W-OD261	64 outputs	2 Fujitsu/ Otax connectors (40)	NPN	D	XW2Z-RO100C-75	G7TC-OC16	Phillips screw	No
					XW2Z-RO100C-75	G70D-SOC16	Phillips screw	No
					XW2Z-RO100C-75	G70D-FOM16	Phillips screw	No
					XW2Z-RO100C-75	G70D-VSOC16	Phillips screw	No
					XW2Z-RO100C-75	G70D-VFOM16	Phillips screw	No
					XW2Z-RO100C-75	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO100C-75	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO100C-75	G70V-SOC16P-C4	Push-In Plus	Yes

(Continued on the next page.)

PLC I/O Unit				Connection pattern (page 20)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
CJ1W-OD262	64 outputs	2 MIL connectors (40)	PNP	D	XW2Z-RI100-75-D1	G7TC-OC16-1	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-SOC16-1	Phillips screw	No
					XW2Z-RO100-75-D1	G70A-ZOC16-4	Phillips screw	No
					XW2Z-RO100-75-D1	G70V-SOC16P-1	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SOC16P-1-C4	Push-In Plus	Yes
CJ1W-OD263	64 outputs	2 MIL connectors (40)	NPN	D	XW2Z-RO100-75-D1	G7TC-OC16	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-SOC16	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-FOM16	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-VSOC16	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-VFOM16	Phillips screw	No
					XW2Z-RO100-75-D1	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO100-75-D1	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SOC16P-C4	Push-In Plus	Yes
CJ1W-MD231	16 inputs	1 Fujitsu/ Otax connector (24)	NPN/ PNP	B	XW2Z-R100C	G7TC-IA16	Phillips screw	No
					XW2Z-R100C	G7TC-ID16	Phillips screw	No
					XW2Z-R100C	G70V-SID16P	Push-In Plus	No
					XW2Z-R100C	G70V-SID16P-1	Push-In Plus	No
					XW2Z-R100C	G70V-SID16P-C16	Push-In Plus	Yes
					XW2Z-R100C	G70V-ZID16P-1-C16	Push-In Plus	Yes
	16 outputs	1 Fujitsu/ Otax connector (24)	NPN		XW2Z-R100C	G7TC-OC16	Phillips screw	No
					XW2Z-R100C	G70A-ZOC16-3	Phillips screw	No
					XW2Z-R100C	G70V-SOC16P	Push-In Plus	No
					XW2Z-R100C	G70V-SOC16P-C4	Push-In Plus	Yes
CJ1W-MD232	16 inputs	1 MIL connector (20)	NPN/ PNP	B	XW2Z-RO50C	G7TC-IA16	Phillips screw	No
					XW2Z-RO50C	G7TC-ID16	Phillips screw	No
					XW2Z-RO50C	G70V-SID16P	Push-In Plus	No
					XW2Z-RO50C	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RO50C	G70V-SID16P-C16	Push-In Plus	Yes
					XW2Z-RO50C	G70V-SID16P-1-C16	Push-In Plus	Yes
	16 outputs	1 MIL connector (20)	PNP		XW2Z-RO50C	G7TC-OC16-1	Phillips screw	No
					XW2Z-RI100C	G70A-ZOC16-4	Phillips screw	No
					XW2Z-RI100C	G70V-SOC16P-1	Push-In Plus	No
					XW2Z-RI100C	G70V-SOC16P-1-C4	Push-In Plus	Yes
CJ1W-MD233	16 inputs	1 MIL connector (20)	NPN/ PNP	B	XW2Z-RO50C	G7TC-IA16	Phillips screw	No
					XW2Z-RO50C	G7TC-ID16	Phillips screw	No
					XW2Z-RO50C	G70V-SID16P	Push-In Plus	No
					XW2Z-RO50C	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RO50C	G70V-SID16P-C16	Push-In Plus	Yes
					XW2Z-RO50C	G70V-SID16P-1-C16	Push-In Plus	Yes
	16 outputs	1 MIL connector (20)	NPN		XW2Z-RO50C	G7TC-OC16	Phillips screw	No
					XW2Z-RO50C	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO50C	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO50C	G70V-SOC16P-C4	Push-In Plus	Yes

(Continued on the next page.)

PLC I/O Unit				Connection pattern (page 20)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
CJ1W-MD261	32 inputs	1 Fujitsu/ Otax connector (40)	NPN/ PNP	B	XW2Z-RI100C-75	G7TC-IA16	Phillips screw	No
					XW2Z-RI100C-75	G7TC-ID16	Phillips screw	No
					XW2Z-RI100C-75	G70V-SID16P	Push-In Plus	No
					XW2Z-RI100C-75	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RI100C-75	G70V-SID16P-C16	Push-In Plus	Yes
					XW2Z-RI100C-75	G70V-SID16P-1-C16	Push-In Plus	Yes
	32 outputs	1 Fujitsu/ Otax connector (40)	NPN		XW2Z-RO100C-75	G7TC-OC16	Phillips screw	No
					XW2Z-RO100C-75	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO100C-75	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO100C-75	G70V-SOC16P-C4	Push-In Plus	Yes
CJ1W-MD263	32 inputs	1 MIL connector (40)	NPN/ PNP	B	XW2Z-RO100-75-D1	G7TC-IA16	Phillips screw	No
					XW2Z-RO100-75-D1	G7TC-ID16	Phillips screw	No
					XW2Z-RO100-75-D1	G70V-SID16P	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SID16P-C16	Push-In Plus	Yes
					XW2Z-RO100-75-D1	G70V-SID16P-1-C16	Push-In Plus	Yes
	32 outputs	1 MIL connector (40)	NPN		XW2Z-RO100-75-D1	G7TC-OC16	Phillips screw	No
					XW2Z-RO100-75-D1	G70A-ZOC16-4	Phillips screw	No
					XW2Z-RO100-75-D1	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SOC16P-C4	Push-In Plus	Yes

Note: 1. This Table of I/O Relay Terminal and connectable device combinations mainly lists digital I/O units.
Note: 2. In the case of input/output mixed unit, the connection form pattern refers to the pattern diagram of the form that is connected to both input and output.
*1. The cable model to use is one with a cable length of 1 m. The cable length of the XW2Z-RO50C is 0.5 m. Refer to the section from page 40 for details.

For Omron PLC CS Series

PLC I/O Unit				Connection pattern (page 20)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
CS1W-ID231	32 inputs	1 Fujitsu/ Otax connector (40)	NPN	C	XW2Z-RI100C-75	G7TC-ID16	Phillips screw	No
					XW2Z-RI100C-75	G7TC-IA16	Phillips screw	No
					XW2Z-RI100C-75	G70V-SID16P	Push-In Plus	No
					XW2Z-RI100C-75	G70V-SID16P-C16	Push-In Plus	Yes
			PNP		XW2Z-RI100C-75	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RI100C-75	G70V-SID16P-1-C16	Push-In Plus	Yes
CS1W-ID261	64 inputs	2 Fujitsu/ Otax connectors (40)	NPN/ PNP	D	XW2Z-RI100C-75	G7TC-ID16	Phillips screw	No
					XW2Z-RI100C-75	G7TC-IA16	Phillips screw	No
					XW2Z-RI100C-75	G70V-SID16P	Push-In Plus	No
					XW2Z-RI100C-75	G70V-SID16P-C16	Push-In Plus	Yes
					XW2Z-RI100C-75	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RI100C-75	G70V-SID16P-1-C16	Push-In Plus	Yes
CS1W-ID291	96 inputs	2 Fujitsu/ Otax connectors (56)	NPN	E	XW2Z-R150C-125-100	G7TC-ID16	Phillips screw	No
					XW2Z-R150C-125-100	G7TC-IA16	Phillips screw	No
					XW2Z-R150C-125-100	G70V-SID16P	Push-In Plus	No
					XW2Z-R150C-125-100	G70V-SID16P-C16	Push-In Plus	Yes
					XW2Z-R150C-125-100	G70V-SID16P-1	Push-In Plus	No
					XW2Z-R150C-125-100	G70V-SID16P-1-C16	Push-In Plus	Yes
CS1W-OD231	32 outputs	1 Fujitsu/ Otax connector (40)	NPN	C	XW2Z-RO100C-75	G7TC-OC16	Phillips screw	No
					XW2Z-RO100C-75	G70D-SOC16	Phillips screw	No
					XW2Z-RO100C-75	G70D-FOM16	Phillips screw	No
					XW2Z-RO100C-75	G70D-VSOC16	Phillips screw	No
					XW2Z-RO100C-75	G70D-VFOM16	Phillips screw	No
					XW2Z-RO100C-75	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO100C-75	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO100C-75	G70V-SOC16P-C4	Push-In Plus	Yes
CS1W-OD232	32 outputs	1 Fujitsu/ Otax connector (40)	PNP	C	XW2Z-RO100C-75	G70D-SOC16-1	Phillips screw	No
					XW2Z-RO100C-75	G70A-ZOC16-4	Phillips screw	No
					XW2Z-RO100C-75	G70V-SOC16P-1	Push-In Plus	No
					XW2Z-RO100C-75	G70V-SOC16P-1-C4	Push-In Plus	Yes

(Continued on the next page.)

PLC I/O Unit				Connection pattern (page 20)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
CS1W-OD261	64 outputs	2 Fujitsu/ Otax connectors (40)	NPN	D	XW2Z-RO100C-75	G7TC-OC16	Phillips screw	No
					XW2Z-RO100C-75	G70D-SOC16	Phillips screw	No
					XW2Z-RO100C-75	G70D-FOM16	Phillips screw	No
					XW2Z-RO100C-75	G70D-VSOC16	Phillips screw	No
					XW2Z-RO100C-75	G70D-VFOM16	Phillips screw	No
					XW2Z-RO100C-75	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO100C-75	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO100C-75	G70V-SOC16P-C4	Push-In Plus	Yes
CS1W-OD262	64 outputs	2 Fujitsu/ Otax connectors (40)	PNP	D	XW2Z-RO100-75-D1	G70D-SOC16-1	Phillips screw	No
					XW2Z-RO100C-75	G70A-ZOC16-4	Phillips screw	No
					XW2Z-RO100-75-D1	G70V-SOC16P-1	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SOC16P-1-C4	Push-In Plus	Yes
CS1W-OD291	96 outputs	2 Fujitsu/ Otax connectors (56)	NPN	E	XW2Z-R150C-125-100	G7TC-OC16	Phillips screw	No
					XW2Z-R150C-125-100	G70A-ZOC16-3	Phillips screw	No
					XW2Z-R150C-125-100	G70D-SOC16	Phillips screw	No
					XW2Z-R150C-125-100	G70D-FOM16	Phillips screw	No
					XW2Z-R150C-125-100	G70D-VSOC16	Phillips screw	No
					XW2Z-R150C-125-100	G70D-VFOM16	Phillips screw	No
					XW2Z-R150C-125-100	G70V-SOC16P	Push-In Plus	No
					XW2Z-R150C-125-100	G70V-SOC16P-C4	Push-In Plus	Yes
CS1W-OD292	96 outputs	2 Fujitsu/ Otax connectors (56)	PNP	E	XW2Z-RO100C-75	G7TC-OC16-1	Phillips screw	No
CS1W-MD261	32 inputs	1 Fujitsu/ Otax connector (40)	NPN/ PNP	D	XW2Z-RI100C-75	G7TC-IA16	Phillips screw	No
					XW2Z-RI100C-75	G7TC-ID16	Phillips screw	No
					XW2Z-RI100C-75	G70V-SID16P	Push-In Plus	No
					XW2Z-RI100C-75	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RI100C-75	G70V-SID16P-C16	Push-In Plus	Yes
					XW2Z-RI100C-75	G70V-SID16P-1-C16	Push-In Plus	Yes
	32 outputs	1 Fujitsu/ Otax connector (40)	NPN		XW2Z-RO100C-75	G7TC-OC16	Phillips screw	No
					XW2Z-RO100C-75	G70D-SOC16	Phillips screw	No
					XW2Z-RO100C-75	G70D-FOC16	Phillips screw	No
					XW2Z-RO100C-75	G70D-VSOC16	Phillips screw	No
					XW2Z-RO100C-75	G70D-VFOM16	Phillips screw	No
					XW2Z-RO100C-75	G70D-ZOC16-3	Phillips screw	No
					XW2Z-RO100C-75	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO100C-75	G70V-SOC16P-C4	Push-In Plus	Yes

(Continued on the next page.)

PLC I/O Unit				Connection pattern (page 20)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
CS1W-MD262	32 inputs	1 Fujitsu/ Otax connector (40)	NPN/ PNP	D	XW2Z-RI100C-75	G7TC-IA16	Phillips screw	No
					XW2Z-RI100C-75	G7TC-ID16	Phillips screw	No
					XW2Z-RI100C-75	G70V-SID16P	Push-In Plus	No
					XW2Z-RI100C-75	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RI100C-75	G70V-SID16P-C16	Push-In Plus	Yes
					XW2Z-RI100C-75	G70V-SID16P-1-C16	Push-In Plus	Yes
	32 outputs	1 Fujitsu/ Otax connector (40)	PNP		XW2Z-RO100C-75	G70A-SOC16-1	Phillips screw	No
					XW2Z-RO100C-75	G70A-ZOC16-4	Push-In Plus	No
					XW2Z-RO100C-75	G70V-SOC16P-1	Push-In Plus	No
					XW2Z-RO100C-75	G70V-SOC16P-1-C4	Push-In Plus	Yes
CS1W-MD291	48 inputs	1 Fujitsu/ Otax connector (56)	NPN/ PNP	E	XW2Z-R150C-125-100	G7TC-IA16	Phillips screw	No
					XW2Z-R150C-125-100	G7TC-ID16	Phillips screw	No
					XW2Z-R150C-125-100	G70V-SID16P	Push-In Plus	No
					XW2Z-R150C-125-100	G70V-SID16P-1	Push-In Plus	No
					XW2Z-R150C-125-100	G70V-SID16P-C16	Push-In Plus	Yes
					XW2Z-R150C-125-100	G70V-SID16P-1-C16	Push-In Plus	Yes
	48 outputs	1 Fujitsu/ Otax connector (56)	NPN		XW2Z-R150C-125-100	G7TC-OC16	Phillips screw	No
					XW2Z-R150C-125-100	G70A-ZOC16-3	Phillips screw	No
					XW2Z-R150C-125-100	G70A-SOC16	Phillips screw	No
					XW2Z-R150C-125-100	G70A-FOM16	Phillips screw	No
					XW2Z-R150C-125-100	G70A-VSOC16	Phillips screw	No
					XW2Z-R150C-125-100	G70A-VFOM16	Phillips screw	No
					XW2Z-R150C-125-100	G70V-SOC16P	Push-In Plus	No
					XW2Z-R150C-125-100	G70V-SOC16P-C4	Push-In Plus	Yes
CS1W-MD292	48 inputs	1 Fujitsu/ Otax connector (56)	NPN/ PNP	E	XW2Z-R150C-125-100	G7TC-IA16	Phillips screw	No
					XW2Z-R150C-125-100	G7TC-ID16	Phillips screw	No
					XW2Z-R150C-125-100	G70A-SID16P	Push-In Plus	No
					XW2Z-R150C-125-100	G70A-SID16P-1	Push-In Plus	Yes
					XW2Z-R150C-125-100	G70A-SID16P-C16	Push-In Plus	No
					XW2Z-R150C-125-100	G70A-SID16P-1-C16	Push-In Plus	Yes
	48 outputs	1 Fujitsu/ Otax connector (56)	PNP		XW2Z-R150C-125-100	G7TC-OC16-1	Phillips screw	No

Note: 1. This Table of I/O Relay Terminal and connectable device combinations mainly lists digital I/O units.
Note: 2. In the case of input/output mixed unit, the connection form pattern refers to the pattern diagram of the form that is connected to both input and output.
*1. The cable model to use is one with a cable length of 1 m. Refer to the section from page 40 for details.

For Omron DeviceNet Slave

PLC I/O Unit				Connection pattern (page 20)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
DRT2-ID16ML	16 inputs	1 MIL connector (20)	NPN	A	XW2Z-RI100C	G7TC-IA16	Phillips screw	No
					XW2Z-RI100C	G7TC-ID16	Phillips screw	No
					XW2Z-RI100C	G70V-SID16P	Push-In Plus	No
					XW2Z-RI100C	G70V-SID16P-C16	Push-In Plus	Yes
DRT2-ID16ML-1	16 inputs	1 MIL connector (20)	PNP	A	XW2Z-RO50C	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RO50C	G70V-SID16P-1-C16	Push-In Plus	Yes
DRT2-ID32ML	32 inputs	1 MIL connector (40)	NPN	C	XW2Z-RI100-75-D1	G7TC-IA16	Phillips screw	No
					XW2Z-RI100-75-D1	G7TC-ID16	Phillips screw	No
					XW2Z-RI100-75-D1	G70V-SID16P	Push-In Plus	No
					XW2Z-RI100-75-D1	G70V-SID16P-C16	Push-In Plus	Yes
DRT2-ID32ML-1	32 inputs	1 MIL connector (40)	PNP	C	XW2Z-RO100-75-D1	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SID16P-1-C16	Push-In Plus	Yes
DRT2-OD16ML	16 outputs	1 MIL connector (20)	NPN	A	XW2Z-RO50C	G7TC-OC16	Phillips screw	No
					XW2Z-RO50C	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO50C	G70D-SOC16	Phillips screw	No
					XW2Z-RO50C	G70D-FOM16	Phillips screw	No
					XW2Z-RO50C	G70D-VSOC16	Phillips screw	No
					XW2Z-RO50C	G70D-VFOM16	Phillips screw	No
					XW2Z-RO50C	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO50C	G70V-SOC16P-C4	Push-In Plus	Yes
DRT2-OD16ML-1	16 outputs	1 MIL connector (20)	PNP	A	XW2Z-RI100C	G7TC-OC16-1	Phillips screw	No
					XW2Z-RO50C	G70A-ZOC16-4	Phillips screw	No
					XW2Z-RO50C	G70D-SOC16-1	Phillips screw	No
					XW2Z-RO50C	G70V-SOC16P-1	Push-In Plus	No
					XW2Z-RO50C	G70V-SOC16P-1-C4	Push-In Plus	Yes
DRT2-OD32ML	32 outputs	1 MIL connector (40)	NPN	C	XW2Z-RO100-75-D1	G7TC-OC16	Phillips screw	No
					XW2Z-RO100-75-D1	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-SOC16	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-FOM16	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-VSOC16	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-VFOM16	Phillips screw	No
					XW2Z-RO100-75-D1	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SOC16P-C4	Push-In Plus	Yes

(Continued on the next page.)

PLC I/O Unit				Connection pattern (page 20)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
DRT2-OD32ML-1	32 outputs	1 MIL connector (40)	PNP	C	XW2Z-RI100-75-D1	G7TC-OC16-1	Phillips screw	No
					XW2Z-RO100-75-D1	G70A-ZOC16-4	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-SOC16-1	Phillips screw	No
					XW2Z-RO100-75-D1	G70V-SOC16P-1	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SOC16P-1-C4	Push-In Plus	Yes
DRT2-MD32ML	16 inputs	1 MIL connector (40)	NPN/PNP	B	XW2Z-RM100-75-D1	G7TC-IA16	Phillips screw	No
					XW2Z-RM100-75-D1	G7TC-ID16	Phillips screw	No
					XW2Z-RM100-75-D1	G70V-SID16P	Push-In Plus	No
					XW2Z-RM100-75-D1	G70V-SID16P-C16	Push-In Plus	Yes
	16 outputs		NPN		XW2Z-RM100-75-D1	G7TC-OC16	Phillips screw	No
					XW2Z-RM100-75-D1	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RM100-75-D1	G70D-SOC16	Phillips screw	No
					XW2Z-RM100-75-D1	G70D-FOM16	Phillips screw	No
					XW2Z-RM100-75-D1	G70D-VSOC16	Phillips screw	No
					XW2Z-RM100-75-D1	G70D-VFOM16	Phillips screw	No
					XW2Z-RM100-75-D1	G70V-SOC16P	Push-In Plus	No
					XW2Z-RM100-75-D1	G70V-SOC16P-C4	Push-In Plus	Yes
DRT2-MD32ML-1	16 inputs	1 MIL connector (40)	NPN/PNP	B	XW2Z-RO100-75-D1	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SID16P-1-C16	Push-In Plus	Yes
	16 outputs		PNP		XW2Z-RI100-75-D1	G7TC-OC16-1	Phillips screw	No
					XW2Z-RO100-75-D1	G70A-ZOC16-4	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-SOC16-1	Phillips screw	No
					XW2Z-RO100-75-D1	G70V-SOC16P-1	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SOC16P-1-C4	Push-In Plus	Yes
DRT2-ID32B	32 inputs	1 MIL connector (40)	NPN	C	XW2Z-RI100-75-D1	G7TC-IA16	Phillips screw	No
					XW2Z-RI100-75-D1	G7TC-ID16	Phillips screw	No
					XW2Z-RI100-75-D1	G70V-SID16P	Push-In Plus	No
					XW2Z-RI100-75-D1	G70V-SID16P-C16	Push-In Plus	Yes
DRT2-ID32B-1	32 inputs	1 MIL connector (40)	PNP	C	XW2Z-RO100-75-D1	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SID16P-1-C16	Push-In Plus	Yes
DRT2-OD32B	32 outputs	1 MIL connector (40)	NPN	C	XW2Z-RO100-75-D1	G7TC-OC16	Phillips screw	No
					XW2Z-RO100-75-D1	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-SOC16	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-FOM16	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-VSOC16	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-VFOM16	Phillips screw	No
					XW2Z-RO100-75-D1	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SOC16P-C4	Push-In Plus	Yes
DRT2-OD32B-1	32 outputs	1 MIL connector (40)	PNP	C	XW2Z-RI100-75-D1	G7TC-OC16-1	Phillips screw	No
					XW2Z-RO100-75-D1	G70A-ZOC16-4	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-SOC16-1	Phillips screw	No
					XW2Z-RO100-75-D1	G70V-SOC16P-1	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SOC16P-1-C4	Push-In Plus	Yes

(Continued on the next page.)

PLC I/O Unit				Connection pattern (page 20)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
DRT2-MD32B	16 inputs	1 MIL connector (40)	NPN/PNP	B	XW2Z-RM100C-75	G7TC-IA16	Phillips screw	No
					XW2Z-RM100C-75	G7TC-ID16	Phillips screw	No
					XW2Z-RM100-75-D1	G70V-SID16P	Push-In Plus	No
					XW2Z-RM100-75-D1	G70V-SID16P-C16	Push-In Plus	Yes
	16 outputs		NPN		XW2Z-RM100C-75	G70A-OC16	Phillips screw	No
					XW2Z-RM100-75-D1	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RM100-75-D1	G70A-SOC16	Phillips screw	No
					XW2Z-RM100-75-D1	G70A-FOM16	Phillips screw	No
					XW2Z-RM100-75-D1	G70A-VSOC16	Phillips screw	No
					XW2Z-RM100-75-D1	G70A-VFOM16	Phillips screw	No
					XW2Z-RM100-75-D1	G70V-SOC16P	Push-In Plus	No
					XW2Z-RM100-75-D1	G70V-SOC16P-C4	Push-In Plus	Yes
DRT2-MD32B-1	16 inputs	1 MIL connector (40)	NPN/PNP	B	XW2Z-RO100-75-D1	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SID16P-1-C16	Push-In Plus	Yes
	16 outputs		PNP		XW2Z-RI100-75-D1	G7TC-OC16-1	Phillips screw	No
					XW2Z-RO100-75-D1	G70A-ZOC16-4	Phillips screw	No
					XW2Z-RO100-75-D1	G70A-SOC16-1	Phillips screw	No
					XW2Z-RO100-75-D1	G70V-SOC16P-1	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SOC16P-1-C4	Push-In Plus	Yes
DRT2-ID32BV	32 inputs	1 MIL connector (40)	NPN	C	XW2Z-RI100-75-D1	G7TC-IA16	Phillips screw	No
					XW2Z-RI100-75-D1	G7TC-ID16	Phillips screw	No
					XW2Z-RI100-75-D1	G70V-SID16P	Push-In Plus	No
					XW2Z-RI100-75-D1	G70V-SID16P-C16	Push-In Plus	Yes
DRT2-ID32BV-1	32 inputs	1 MIL connector (40)	PNP	C	XW2Z-RO100-75-D1	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SID16P-1-C16	Push-In Plus	Yes
DRT2-OD32BV	32 outputs	1 MIL connector (40)	NPN	C	XW2Z-RO100-75-D1	G7TC-OC16	Phillips screw	No
					XW2Z-RO100-75-D1	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-SOC16	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-FOM16	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-VSOC16	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-VFOM16	Phillips screw	No
					XW2Z-RO100-75-D1	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SOC16P-C4	Push-In Plus	Yes
DRT2-OD32BV-1	32 outputs	1 MIL connector (40)	PNP	C	XW2Z-RI100-75-D1	G7TC-OC16-1	Phillips screw	No
					XW2Z-RO100-75-D1	G70A-ZOC16-4	Phillips screw	No
					XW2Z-RO100-75-D1	G70D-SOC16-1	Phillips screw	No
					XW2Z-RO100-75-D1	G70V-SOC16P-1	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SOC16P-1-C4	Push-In Plus	Yes
DRT2-MD32BV	16 inputs	1 MIL connector (40)	NPN/PNP	B	XW2Z-RM100-75-D1	G7TC-IA16	Phillips screw	No
					XW2Z-RM100-75-D1	G7TC-ID16	Phillips screw	No
					XW2Z-RM100-75-D1	G70V-SID16P	Push-In Plus	No
					XW2Z-RM100-75-D1	G70V-SID16P-C16	Push-In Plus	Yes
	16 outputs		NPN		XW2Z-RM100-75-D1	G70A-SOC16	Phillips screw	No
					XW2Z-RM100-75-D1	G70A-FOM16	Phillips screw	No
					XW2Z-RM100-75-D1	G70A-VSOC16	Phillips screw	No
					XW2Z-RM100-75-D1	G7TC-OC16	Phillips screw	No
					XW2Z-RM100-75-D1	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RM100-75-D1	G70D-VFOM16	Phillips screw	No
					XW2Z-RM100-75-D1	G70V-SOC16P	Push-In Plus	No
					XW2Z-RM100-75-D1	G70V-SOC16P-C4	Push-In Plus	Yes

(Continued on the next page.)

PLC I/O Unit				Connection pattern (page 20)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
DRT2-MD32BV-1	16 inputs	1 MIL connector (40)	NPN/PNP	B	XW2Z-RI100-75-D1	G7TC-IA16	Phillips screw	No
					XW2Z-RI100-75-D1	G7TC-ID16	Phillips screw	No
					XW2Z-RI100-75-D1	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RI100-75-D1	G70V-SID16P-1-C16	Push-In Plus	Yes
	16 outputs		PNP		XW2Z-RI100-75-D1	G7TC-OC16-1	Phillips screw	No
					XW2Z-RO100-75-D1	G70A-ZOC16-4	Phillips screw	No
					XW2Z-RO100-75-D1	G70A-SOC16-1	Phillips screw	No
					XW2Z-RI100-75-D1	G70V-SOC16P-1	Push-In Plus	No
					XW2Z-RI100-75-D1	G70V-SOC16P-1-C4	Push-In Plus	Yes
GT1-ID16ML	16 inputs	1 Fujitsu/Otax connector (24)	NPN	A	XW2Z-RI100C	G7TC-IA16	Phillips screw	No
					XW2Z-RI100C	G7TC-ID16	Phillips screw	No
					XW2Z-RI100C	G70V-SID16P	Push-In Plus	No
					XW2Z-RI100C	G70V-SID16P-C16	Push-In Plus	Yes
GT1-ID16ML-1	16 inputs	1 Fujitsu/Otax connector (24)	PNP	A	XW2Z-RO50C	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RO50C	G70V-SID16P-1-C16	Push-In Plus	Yes
GT1-ID32ML	32 inputs	1 Fujitsu/Otax connector (40)	NPN	C	XW2Z-RI100-75-D1	G7TC-IA16	Phillips screw	No
					XW2Z-RI100-75-D1	G7TC-ID16	Phillips screw	No
					XW2Z-RI100-75-D1	G70V-SID16P	Push-In Plus	No
					XW2Z-RI100-75-D1	G70V-SID16P-C16	Push-In Plus	Yes
GT1-ID32ML-1	32 inputs	1 Fujitsu/Otax connector (40)	PNP	C	XW2Z-RO100-75-D1	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RO100-75-D1	G70V-SID16P-1-C16	Push-In Plus	Yes
GT1-OD16ML	16 outputs	1 Fujitsu/Otax connector (24)	NPN	A	XW2Z-R100C	G7TC-OC16	Phillips screw	No
					XW2Z-R100C	G70A-ZOC16-3	Phillips screw	No
					XW2Z-R100C	G70D-SOC16	Phillips screw	No
					XW2Z-R100C	G70D-FOM16	Phillips screw	No
					XW2Z-R100C	G70D-VSOC16	Phillips screw	No
					XW2Z-R100C	G70D-VFOM16	Phillips screw	No
					XW2Z-R100C	G70V-SOC16P	Push-In Plus	No
					XW2Z-R100C	G70V-SOC16P-C4	Push-In Plus	Yes
GT1-OD16ML-1	16 outputs	1 Fujitsu/Otax connector (24)	PNP	A	XW2Z-R100C	G7TC-OC16-1	Phillips screw	No
					XW2Z-R100C	G70A-ZOC16-4	Phillips screw	No
					XW2Z-R100C	G70D-SOC16-1	Phillips screw	No
					XW2Z-R100C	G70V-SOC16P-1	Push-In Plus	No
					XW2Z-R100C	G70V-SOC16P-1-C4	Push-In Plus	Yes
GT1-OD32ML	32 outputs	1 Fujitsu/Otax connector (40)	NPN	C	XW2Z-RO100C-75	G7TC-OC16	Phillips screw	No
					XW2Z-RO100C-75	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO100C-75	G70D-SOC16	Phillips screw	No
					XW2Z-RO100C-75	G70D-FOM16	Phillips screw	No
					XW2Z-RO100C-75	G70D-VSOC16	Phillips screw	No
					XW2Z-RO100C-75	G70D-VFOM16	Phillips screw	No
					XW2Z-RO100C-75	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO100C-75	G70V-SOC16P-C4	Push-In Plus	Yes
GT1-OD32ML-1	32 outputs	1 Fujitsu/Otax connector (40)	PNP	C	XW2Z-RO100C-75	G7TC-OC16-1	Phillips screw	No
					XW2Z-RO100C-75	G70A-ZOC16-4	Phillips screw	No
					XW2Z-RO100C-75	G70D-SOC16-1	Phillips screw	No
					XW2Z-RO100C-75	G70V-SOC16P-1	Push-In Plus	No
					XW2Z-RO100C-75	G70V-SOC16P-1-C4	Push-In Plus	Yes

Note: 1. This Table of I/O Relay Terminal and connectable device combinations mainly lists digital I/O units.
Note: 2. In the case of input/output mixed unit, the connection form pattern refers to the pattern diagram of the form that is connected to both input and output.
*1. The cable model to use is one with a cable length of 1 m. The cable length of the XW2Z-RO50C is 0.5 m. Refer to the section from page 40 for details.

For Mitsubishi Electric PLC MELSEC L Series

PLC I/O Unit				Connection pattern (page 20)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
LX41C4	32 inputs	1 Fujitsu/ Otax connector (40)	NPN/ PNP	C	XW2Z-RI100C-75MN	G7TC-ID16	Phillips screw	No
					XW2Z-RI100C-75MN	G7TC-IA16	Phillips screw	No
					XW2Z-RI100C-75MN	G70V-SID16P	Push-In Plus	No
					XW2Z-RI100C-75MN	G70V-SID16P-C16	Push-In Plus	Yes
					XW2Z-RI100C-75MN	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RI100C-75MN	G70V-SID16P-1-C16	Push-In Plus	Yes
LX42C4	64 inputs	2 Fujitsu/ Otax connectors (40)	NPN/ PNP	D	XW2Z-RI100C-75MN	G7TC-ID16	Phillips screw	No
					XW2Z-RI100C-75MN	G7TC-IA16	Phillips screw	No
					XW2Z-RI100C-75MN	G70V-SID16P	Push-In Plus	No
					XW2Z-RI100C-75MN	G70V-SID16P-C16	Push-In Plus	Yes
					XW2Z-RI100C-75MN	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RI100C-75MN	G70V-SID16P-1-C16	Push-In Plus	Yes
LY41NT1P	32 outputs	1 Fujitsu/ Otax connector (40)	NPN	C	XW2Z-RO100C-75MN	G7TC-OC16	Phillips screw	No
					XW2Z-RO100C-75MN	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO100C-75MN	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO100C-75MN	G70V-SOC16P-C4	Push-In Plus	Yes
LY41PT1P	32 outputs	1 Fujitsu/ Otax connector (40)	PNP	C	XW2Z-RO100C-75MN	G70A-ZOC16-4	Phillips screw	No
					XW2Z-RO100C-75MN	G70V-SOC16P-1	Push-In Plus	No
					XW2Z-RO100C-75MN	G70V-SOC16P-1-C4	Push-In Plus	Yes
LY42NT1P	64 outputs	2 Fujitsu/ Otax connectors (40)	NPN	D	XW2Z-RO100C-75MN	G7TC-OC16	Phillips screw	No
					XW2Z-RO100C-75MN	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO100C-75MN	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO100C-75MN	G70V-SOC16P-C4	Push-In Plus	Yes
LY42PT1P	64 outputs	2 Fujitsu/ Otax connectors (40)	PNP	D	XW2Z-RO100C-75MN	G70A-ZOC16-4	Phillips screw	No
					XW2Z-RO100C-75MN	G70V-SOC16P-1	Push-In Plus	No
					XW2Z-RO100C-75MN	G70V-SOC16P-1-C4	Push-In Plus	Yes
LH42C4NT 1P	32 inputs	1 Fujitsu/ Otax connector (40)	NPN/ PNP	D	XW2Z-RI100C-75MN	G7TC-ID16	Phillips screw	No
					XW2Z-RI100C-75MN	G7TC-IA16	Phillips screw	No
					XW2Z-RI100C-75MN	G70V-SID16P	Push-In Plus	No
					XW2Z-RI100C-75MN	G70V-SID16P-C16	Push-In Plus	Yes
					XW2Z-RI100C-75MN	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RI100C-75MN	G70V-SID16P-1-C16	Push-In Plus	Yes
	32 outputs	1 Fujitsu/ Otax connector (40)	NPN		XW2Z-RO100C-75MN	G7TC-OC16	Phillips screw	No
					XW2Z-RO100C-75MN	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO100C-75MN	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO100C-75MN	G70V-SOC16P-C4	Push-In Plus	Yes
LH42C4PT 1P	32 inputs	1 Fujitsu/ Otax connector (40)	NPN/ PNP	D	XW2Z-RI100C-75MN	G7TC-ID16	Phillips screw	No
					XW2Z-RI100C-75MN	G7TC-IA16	Phillips screw	No
					XW2Z-RI100C-75MN	G70V-SID16P	Push-In Plus	No
					XW2Z-RI100C-75MN	G70V-SID16P-C16	Push-In Plus	Yes
					XW2Z-RI100C-75MN	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RI100C-75MN	G70V-SID16P-1-C16	Push-In Plus	Yes
	32 outputs	1 Fujitsu/ Otax connector (40)	PNP		XW2Z-RO100C-75MN	G70A-ZOC16-4	Phillips screw	No
					XW2Z-RO100C-75MN	G70V-SOC16P-1	Push-In Plus	No
					XW2Z-RO100C-75MN	G70V-SOC16P-1-C4	Push-In Plus	Yes

Note: 1. This Table of I/O Relay Terminal and connectable device combinations mainly lists digital I/O units.
Note: 2. In the case of input/output mixed unit, the connection form pattern refers to the pattern diagram of the form that is connected to both input and output.
*1. The cable model to use is one with a cable length of 1 m. Refer to the section from page 40 for details.

For Mitsubishi Electric PLC MELSEC Q Series

PLC I/O Unit				Connection pattern (page 20)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
QX41 QX41-S1 QX41-S2 QX71	32 inputs	1 Fujitsu/ Otax connector (40)	NPN/ PNP	C	XW2Z-RI100C-75MN	G7TC-ID16	Phillips screw	No
					XW2Z-RI100C-75MN	G7TC-IA16	Phillips screw	No
					XW2Z-RI100C-75MN	G70V-SID16P	Push-In Plus	No
					XW2Z-RI100C-75MN	G70V-SID16P-C16	Push-In Plus	Yes
					XW2Z-RI100C-75MN	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RI100C-75MN	G70V-SID16P-1-C16	Push-In Plus	Yes
QX42 QX42-S1 QX82 QX82-S1	64 inputs	2 Fujitsu/ Otax connectors (40)	NPN/ PNP	D	XW2Z-RI100C-75MN	G7TC-ID16	Phillips screw	No
					XW2Z-RI100C-75MN	G7TC-IA16	Phillips screw	No
					XW2Z-RI100C-75MN	G70V-SID16P	Push-In Plus	No
					XW2Z-RI100C-75MN	G70V-SID16P-C16	Push-In Plus	Yes
					XW2Z-RI100C-75MN	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RI100C-75MN	G70V-SID16P-1-C16	Push-In Plus	Yes
QY41P QY71	32 outputs	1 Fujitsu/ Otax connector (40)	NPN	C	XW2Z-RO100C-75MN	G7TC-OC16	Phillips screw	No
					XW2Z-RO100C-75MN	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO100C-75MN	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO100C-75MN	G70V-SOC16P-C4	Push-In Plus	Yes
QY42P	64 outputs	2 Fujitsu/ Otax connectors (40)	NPN	D	XW2Z-RO100C-75MN	G7TC-OC16	Phillips screw	No
					XW2Z-RO100C-75MN	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO100C-75MN	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO100C-75MN	G70V-SOC16P-C4	Push-In Plus	Yes
QY82P	64 outputs	2 Fujitsu/ Otax connectors (40)	PNP	D	XW2Z-RO100C-75MN	G70A-ZOC16-4	Phillips screw	No
					XW2Z-RO100C-75MN	G70V-SOC16P-1	Push-In Plus	No
					XW2Z-RO100C-75MN	G70V-SOC16P-1-C4	Push-In Plus	Yes
QH42P QX41Y41P	32 inputs	1 Fujitsu/ Otax connector (40)	NPN/ PNP	D	XW2Z-RI100C-75MN	G7TC-ID16	Phillips screw	No
					XW2Z-RI100C-75MN	G7TC-IA16	Phillips screw	No
					XW2Z-RI100C-75MN	G70V-SID16P	Push-In Plus	No
					XW2Z-RI100C-75MN	G70V-SID16P-C16	Push-In Plus	Yes
					XW2Z-RI100C-75MN	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RI100C-75MN	G70V-SID16P-1-C16	Push-In Plus	Yes
	32 outputs	1 Fujitsu/ Otax connector (40)	NPN		XW2Z-RO100C-75MN	G7TC-OC16	Phillips screw	No
					XW2Z-RO100C-75MN	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO100C-75MN	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO100C-75MN	G70V-SOC16P-C4	Push-In Plus	Yes

Note: 1. This Table of I/O Relay Terminal and connectable device combinations mainly lists digital I/O units.
Note: 2. In the case of input/output mixed unit, the connection form pattern refers to the pattern diagram of the form that is connected to both input and output.
*1. The cable model to use is one with a cable length of 1 m. Refer to the section from page 40 for details.

For Mitsubishi Electric PLC MELSEC iQ-R Series

PLC I/O Unit				Connection pattern (page 20)	Connecting Cable *1	Connector-Terminal Block Conversion Unit		
Unit	I/O capacity	Number of connectors	Polarity			Model	Wiring method	Common terminal
RX41C4	32 inputs	1 Fujitsu/ Otax connector (40)	NPN/ PNP	C	XW2Z-RI100C-75MN	G7TC-ID16	Phillips screw	No
					XW2Z-RI100C-75MN	G7TC-IA16	Phillips screw	No
					XW2Z-RI100C-75MN	G70V-SID16P	Push-In Plus	No
					XW2Z-RI100C-75MN	G70V-SID16P-C16	Push-In Plus	Yes
					XW2Z-RI100C-75MN	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RI100C-75MN	G70V-SID16P-1-C16	Push-In Plus	Yes
RX42C4	64 inputs	2 Fujitsu/ Otax connectors (40)	NPN/ PNP	D	XW2Z-RI100C-75MN	G7TC-ID16	Phillips screw	No
					XW2Z-RI100C-75MN	G7TC-IA16	Phillips screw	No
					XW2Z-RI100C-75MN	G70V-SID16P	Push-In Plus	No
					XW2Z-RI100C-75MN	G70V-SID16P-C16	Push-In Plus	Yes
					XW2Z-RI100C-75MN	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RI100C-75MN	G70V-SID16P-1-C16	Push-In Plus	Yes
RY41NT2P	32 outputs	1 Fujitsu/ Otax connector (40)	NPN	C	XW2Z-RO100C-75MN	G7TC-OC16	Phillips screw	No
					XW2Z-RO100C-75MN	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO100C-75MN	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO100C-75MN	G70V-SOC16P-C4	Push-In Plus	Yes
RY41PT1P RY41PT2H	32 outputs	1 Fujitsu/ Otax connector (40)	PNP	C	XW2Z-RO100C-75MN	G70A-ZOC16-4	Phillips screw	No
					XW2Z-RO100C-75MN	G70V-SOC16P-1	Push-In Plus	No
					XW2Z-RO100C-75MN	G70V-SOC16P-1-C4	Push-In Plus	Yes
RY42NT2P	64 outputs	2 Fujitsu/ Otax connectors (40)	NPN	D	XW2Z-RO100C-75MN	G7TC-OC16	Phillips screw	No
					XW2Z-RO100C-75MN	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO100C-75MN	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO100C-75MN	G70V-SOC16P-C4	Push-In Plus	Yes
RY42PT1P	64 outputs	2 Fujitsu/ Otax connectors (40)	PNP	D	XW2Z-RO100C-75MN	G70A-ZOC16-4	Phillips screw	No
					XW2Z-RO100C-75MN	G70V-SOC16P-1	Push-In Plus	No
					XW2Z-RO100C-75MN	G70V-SOC16P-1-C4	Push-In Plus	Yes
RH42C4NT 2P	32 inputs	1 Fujitsu/ Otax connector (40)	NPN/ PNP	D	XW2Z-RI100C-75MN	G7TC-ID16	Phillips screw	No
					XW2Z-RI100C-75MN	G7TC-IA16	Phillips screw	No
					XW2Z-RI100C-75MN	G70V-SID16P	Push-In Plus	No
					XW2Z-RI100C-75MN	G70V-SID16P-C16	Push-In Plus	Yes
					XW2Z-RI100C-75MN	G70V-SID16P-1	Push-In Plus	No
					XW2Z-RI100C-75MN	G70V-SID16P-1-C16	Push-In Plus	Yes
	32 outputs	1 Fujitsu/ Otax connector (40)	NPN		XW2Z-RO100C-75MN	G7TC-OC16	Phillips screw	No
					XW2Z-RO100C-75MN	G70A-ZOC16-3	Phillips screw	No
					XW2Z-RO100C-75MN	G70V-SOC16P	Push-In Plus	No
					XW2Z-RO100C-75MN	G70V-SOC16P-C4	Push-In Plus	Yes

Note: 1. This Table of I/O Relay Terminal and connectable device combinations mainly lists digital I/O units.
Note: 2. In the case of input/output mixed unit, the connection form pattern refers to the pattern diagram of the form that is connected to both input and output.
*1. The cable model to use is one with a cable length of 1 m. Refer to the section from page 40 for details.

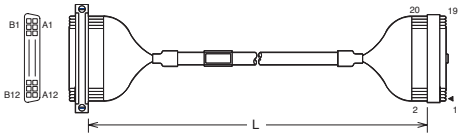
Table of Connected Cables

Connecting Cables for Interface Wiring System XW2Z Serires



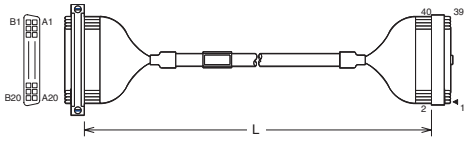
XW2Z-□□□A

Connector specifications	Model	Cable length L (m)
FCN 24-pin – MIL 20-pin	XW2Z-050A	0.5
	XW2Z-100A	1
	XW2Z-150A	1.5
	XW2Z-200A	2
	XW2Z-300A	3
	XW2Z-500A	5
	XW2Z-700A	7
	XW2Z-010A	10
	XW2Z-15MA	15
	XW2Z-20MA	20



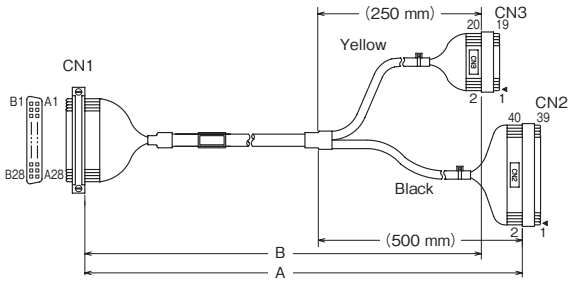
XW2Z-□□□B

Connector specifications	Model	Cable length L (m)
FCN 40-pin – MIL 40-pin	XW2Z-050B	0.5
	XW2Z-100B	1
	XW2Z-150B	1.5
	XW2Z-200B	2
	XW2Z-300B	3
	XW2Z-500B	5
	XW2Z-700B	7
	XW2Z-010B	10
	XW2Z-15MB	15
	XW2Z-20MB	20



XW2Z-□□□H-2

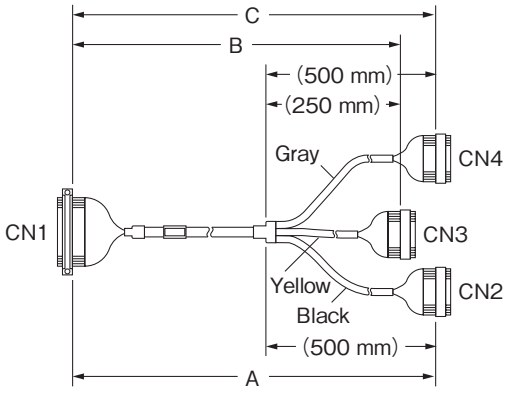
Connector specifications	Model	Cable length L (m)	
		A	B
FCN 56-pin – MIL 20-pin, MIL 40-pin	XW2Z-100H-2	1	0.75
	XW2Z-150H-2	1.5	1.25
	XW2Z-200H-2	2	1.75
	XW2Z-300H-2	3	2.75
	XW2Z-500H-2	5	4.75
	XW2Z-010H-2	10	9.75



Linear lengths (not including bends)

XW2Z-□□□H-3

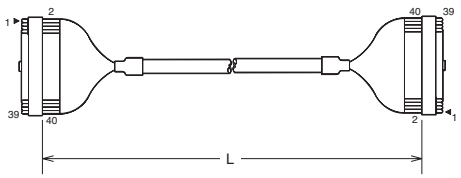
Connector specifications	Model	Cable length L (m)		
		A	B	C
FCN 56-pin – MIL 20-pin, MIL 20-pin, MIL 20-pin	XW2Z-100H-3	1	0.75	1
	XW2Z-150H-3	1.5	1.25	1.5
	XW2Z-200H-3	2	1.75	2
	XW2Z-300H-3	3	2.75	3
	XW2Z-500H-3	5	4.75	5
	XW2Z-010H-3	10	9.75	10



Linear lengths (not including bends)

XW2Z-□□□K

Connector specifications	Model	Cable length L (m)
MIL 40-pin – MIL 40-pin	XW2Z-C25K	0.25
	XW2Z-C50K	0.5
	XW2Z-100K	1
	XW2Z-150K	1.5
	XW2Z-200K	2
	XW2Z-300K	3
	XW2Z-500K	5
	XW2Z-010K	10



XW2Z-□□□X

Connector specifications	Model	Cable length L (m)
MIL 20-pin – MIL 20-pin	XW2Z-C50X	0.5
	XW2Z-100X	1
	XW2Z-200X	2
	XW2Z-300X	3
	XW2Z-500X	5
	XW2Z-010X	10

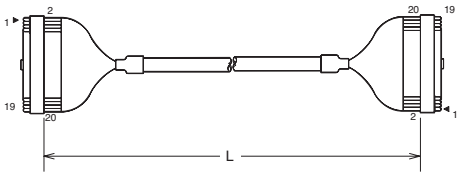
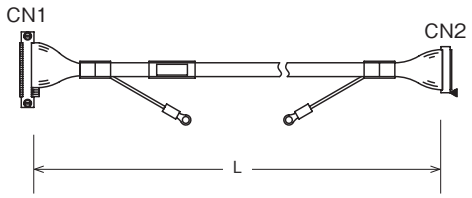


Table of Connected Cables

Connecting Cables for I/O Relay Terminal XW2Z-R Serires

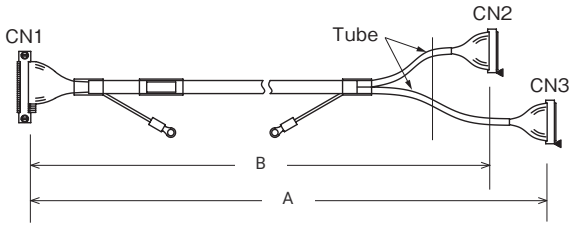
XW2Z-R□C

Connector specifications	Model	Cable length L (m)
FCN 24-pin – MIL 20-pin	XW2Z-R100C	1
	XW2Z-R150C	1.5
	XW2Z-R200C	2
	XW2Z-R300C	3
	XW2Z-R500C	5



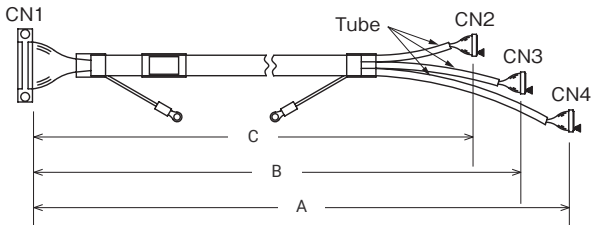
XW2Z-RI□C-□、XW2Z-RO□C-□

Connector specifications	Model	Cable length L (m)	
		A	B
FCN 40-pin – MIL 20-pin, MIL 20-pin	XW2Z-RI100C-75	1	0.75
	XW2Z-RI150C-125	1.5	1.25
	XW2Z-RI200C-175	2	1.75
	XW2Z-RI300C-275	3	2.75
	XW2Z-RI500C-475	5	4.75
	XW2Z-RI1000C-975	10	9.75
	XW2Z-RO100C-75	1	0.75
	XW2Z-RO150C-125	1.5	1.25
	XW2Z-RO200C-175	2	1.75
	XW2Z-RO300C-275	3	2.75
	XW2Z-RO500C-475	5	4.75
	XW2Z-RO1000C-975	10	9.75



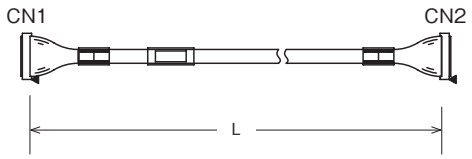
XW2Z-R□C-□-□

Connector specifications	Model	Cable length L (m)		
		A	B	C
FCN 56-pin – MIL 20-pin, MIL 20-pin, MIL 20-pin	XW2Z-R150C-125-100	1.5	1.25	1
	XW2Z-R200C-175-150	2	1.75	1.5
	XW2Z-R300C-275-250	3	2.75	2.5



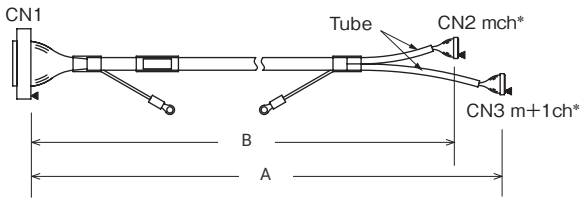
XW2Z-RO□C、XW2Z-RI□C

Connector specifications	Model	Cable length L (m)
MIL 20-pin – MIL 20-pin	XW2Z-RO25C	0.25
	XW2Z-RO50C	0.5
	XW2Z-RI25C	0.25
	XW2Z-RI50C	0.5



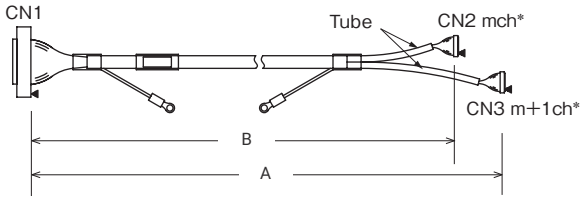
XW2Z-RO□-□-D1、XW2Z-RI□-□-D1、XW2Z-RM□-□-D1

Connector specifications	Model	Cable length L (m)	
		A	B
MIL 40-pin – MIL 20-pin, MIL 20-pin	XW2Z-RO50-25-D1	0.5	0.25
	XW2Z-RO75-50-D1	0.75	0.5
	XW2Z-RO100-75-D1	1	0.75
	XW2Z-RO150-125-D1	1.5	1.25
	XW2Z-RO200-175-D1	2	1.75
	XW2Z-RO300-275-D1	3	2.75
	XW2Z-RO500-475-D1	5	4.75
	XW2Z-RI50-25-D1	0.5	0.25
	XW2Z-RI75-50-D1	0.75	0.5
	XW2Z-RI100-75-D1	1	0.75
	XW2Z-RI150-125-D1	1.5	1.25
	XW2Z-RI200-175-D1	2	1.75
	XW2Z-RI300-275-D1	3	2.75
	XW2Z-RI500-475-D1	5	4.75
	XW2Z-RM50-25-D1	0.5	0.25
	XW2Z-RM75-50-D1	0.75	0.5
	XW2Z-RM100-75-D1	1	0.75
	XW2Z-RM150-125-D1	1.5	1.25
	XW2Z-RM200-175-D1	2	1.75
	XW2Z-RM300-275-D1	3	2.75
	XW2Z-RM500-475-D1	5	4.75



XW2Z-RI□C-□-MN、XW2Z-RO□C-□-MN (For connecting PLC manufactured by Mitsubishi Electric)

Connector specifications	Model	Cable length L (m)	
		A	B
FCN 40-pin – MIL 20-pin, MIL 20-pin	XW2Z-RI100C-75-MN	1	0.75
	XW2Z-RI150C-125-MN	1.5	1.25
	XW2Z-RI200C-175-MN	2	1.75
	XW2Z-RI300C-275-MN	3	2.75
	XW2Z-RI500C-475-MN	5	4.75
	XW2Z-RI1000C-975-MN	10	9.75
	XW2Z-RO100C-75-MN	1	0.75
	XW2Z-RO150C-125-MN	1.5	1.25
	XW2Z-RO200C-175-MN	2	1.75
	XW2Z-RO300C-275-MN	3	2.75
	XW2Z-RO500C-475-MN	5	4.75
	XW2Z-RO1000C-975-MN	10	9.75



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OMRON Corporation **Industrial Automation Company**

Kyoto, JAPAN **Contact : www.ia.omron.com**

Regional Headquarters

OMRON EUROPE B.V.
Wegalaan 67-69, 2132 JD Hoofddorp
The Netherlands
Tel: (31) 2356-81-300 Fax: (31) 2356-81-388

OMRON ELECTRONICS LLC
2895 Greenspoint Parkway, Suite 200
Hoffman Estates, IL 60169 U.S.A.
Tel: (1) 847-843-7900 Fax: (1) 847-843-7787

OMRON ASIA PACIFIC PTE. LTD.
438B Alexandra Road, #08-01/02 Alexandra
Technopark, Singapore 119968
Tel: (65) 6835-3011 Fax: (65) 6835-3011

OMRON INDUSTRIAL AUTOMATION (CHINA) CO., LTD.
19th Floor, Tower 2, Shanghai Landmark Center,
No. 88 North Sichuan Road,
Hongkou District, Shanghai, 200085, China
Tel: (86) 21-6023-0333

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