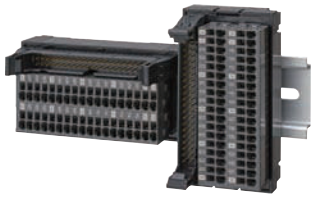
Table of PLC I/O Unit
Connection Correspondance

PLC I/O Interface Wiring System Selection

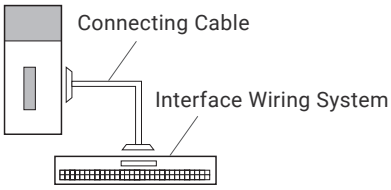
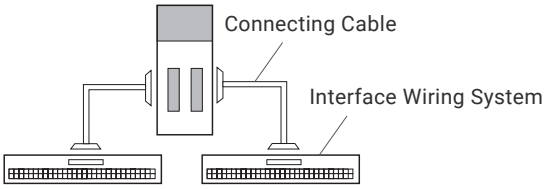
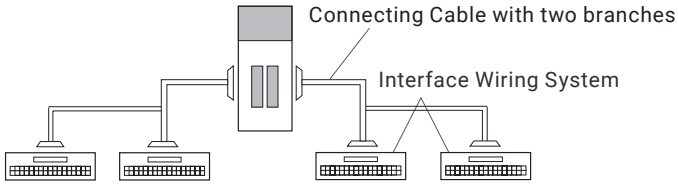
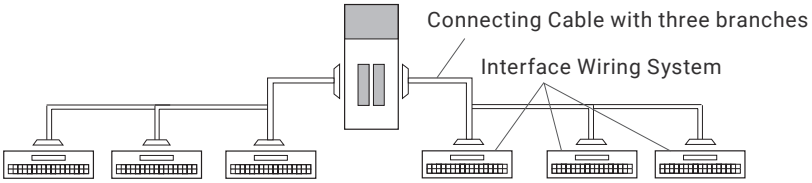


Table of Interface Wiring System and connectable device combinations



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 *2	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 *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
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 *2	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)	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-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	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 ＊2	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 ＊2	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 ＊2	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

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.

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 *2	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	A	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
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 *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
CJ1W-ID261	64 inputs	2 Fujitsu/ Otax connectors (40)	NPN	B	XW2Z-100B (2 cable)	XW2K-40G-O32A (2 pcs)	Push-In Plus	No
					XW2Z-100B (2 cable)	XW2K-40G-O32A-IN (2 pcs) *2	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 (2 pcs) *2	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	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 (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 *2	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 *2	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 *2	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 *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)	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.

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 *2	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 (2 pcs) *2	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	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 (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 *2	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 *2	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	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 ＊2	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.

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 ＊2	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 (2 pcs) ＊2	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	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 (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 ＊2	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 ＊2	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	Push-In Plus	No
					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.

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 *2	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 (2 pcs) *2	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 (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 *2	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.

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 ＊2	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 (2 pcs) ＊2	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	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 (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 ＊2	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.

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 *2	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 *2	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 (2 pcs) *2	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 (2 pcs) *2	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	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 (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 *2	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.

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 *2	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 *2	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.

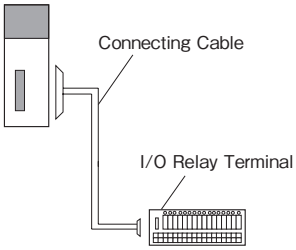
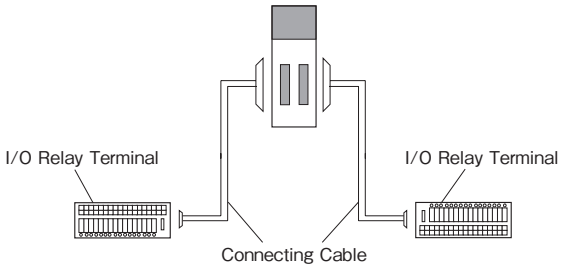
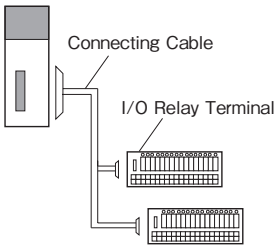
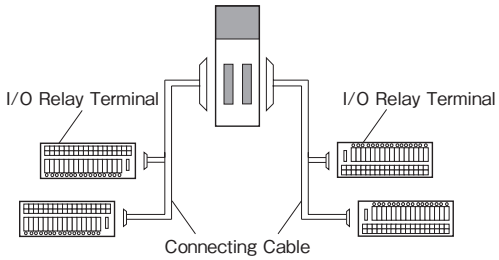
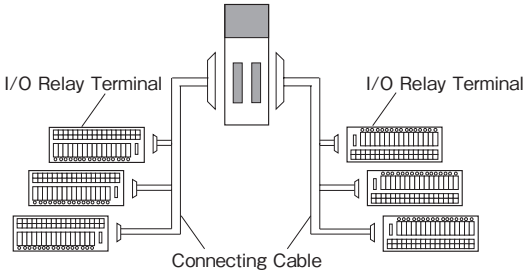
Table of I/O Relay Terminal and connectable device combinations



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.

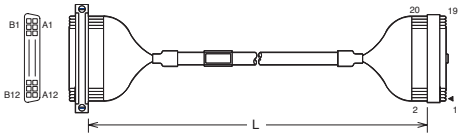
Table of Connected Cables

Connecting Cables for Interface Wiring System XW2Z Serires



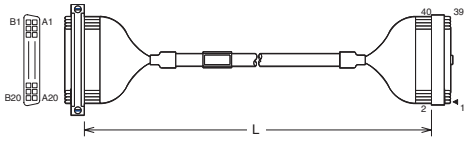
XW2Z-□□□A

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



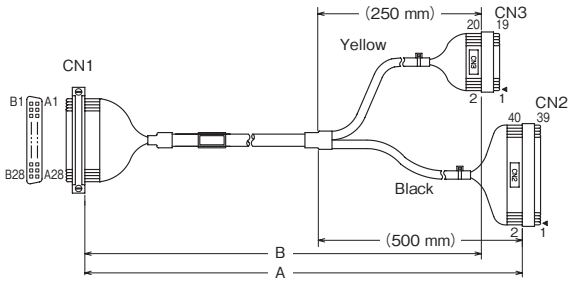
XW2Z-□□□B

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

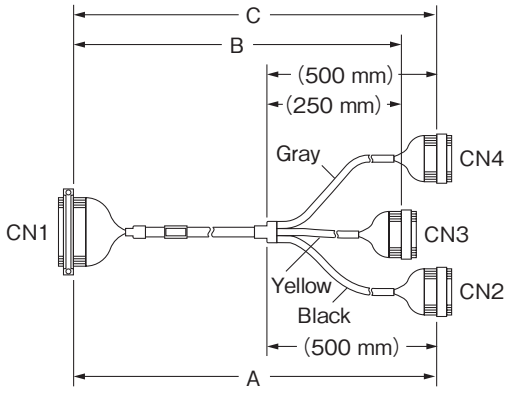
Connector specifications	Model	Cable length L (m)	
		A	B
FCN 56-pin – MIL 20-pin, MIL 40-pin	XW2Z-100H-2	1	0.75
	XW2Z-150H-2	1.5	1.25
	XW2Z-200H-2	2	1.75
	XW2Z-300H-2	3	2.75
	XW2Z-500H-2	5	4.75
	XW2Z-010H-2	10	9.75



Linear lengths (not including bends)

XW2Z-□□□H-3

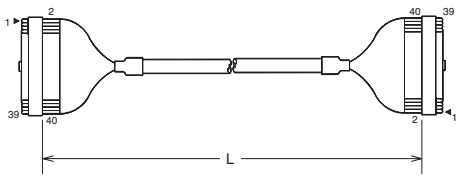
Connector specifications	Model	Cable length L (m)		
		A	B	C
FCN 56-pin – MIL 20-pin, MIL 20-pin, MIL 20-pin	XW2Z-100H-3	1	0.75	1
	XW2Z-150H-3	1.5	1.25	1.5
	XW2Z-200H-3	2	1.75	2
	XW2Z-300H-3	3	2.75	3
	XW2Z-500H-3	5	4.75	5
	XW2Z-010H-3	10	9.75	10



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

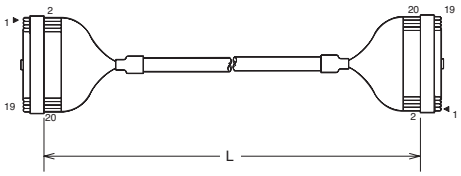
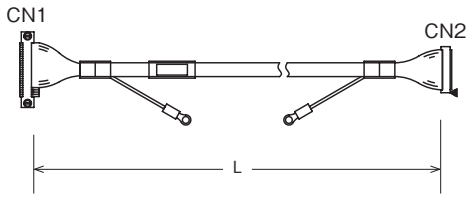


Table of Connected Cables

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

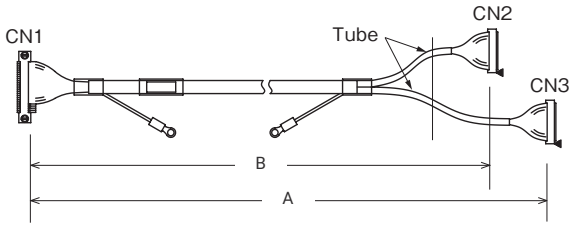
XW2Z-R□C

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



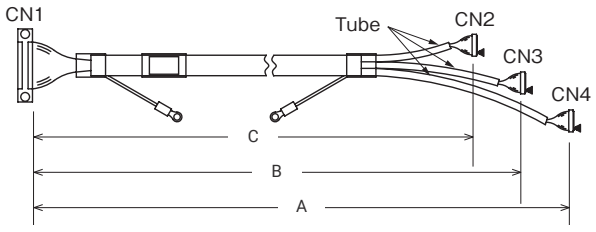
XW2Z-RI□C-□、XW2Z-RO□C-□

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



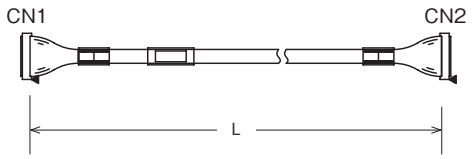
XW2Z-R□C-□-□

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



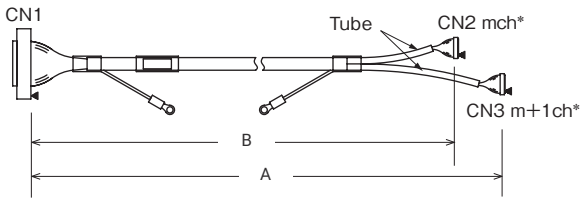
XW2Z-RO□C、XW2Z-RI□C

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



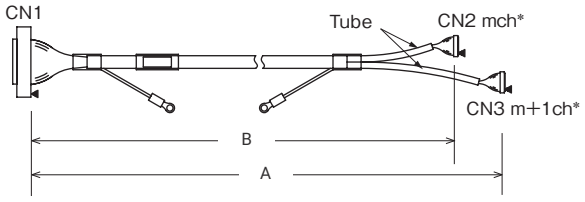
XW2Z-RO□-□-D1、XW2Z-RI□-□-D1、XW2Z-RM□-□-D1

Connector specifications	Model	Cable length L (m)	
		A	B
FCN 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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