

Cable Selection Guide

■ Interface/Relay terminal block

Controller						Terminal block to connect	Proper cable	
Manufacturer	Series	Module name	Input/Output	No. of I/O	Logic		Model name	Quantity
LS	XGT	XGI-D24A	Input	32		Interface terminal block	CH40-FP□-1R	1
		XGI-D24B	Input	32	-	Interface terminal block	CH40-FP□-1R	1
		XGI-D28A	Input	64	-	Interface terminal block	CH40-FP□-1R	2
		XGI-D28B	Input	64	-	Interface terminal block	CH40-FP□-1R	2
		XGQ-TR4A	Output	32	NPN	Interface terminal block	CH40-FP□-1R	1
			Output	32	NPN	Relay terminal block	CH40-FP□-E1T1R	1
		XGQ-TR4B	Output	32	PNP	Interface terminal block	CH40-FP□-1R	1
			Output	32	PNP	Relay terminal block	CH40-FP□-E1T4R	1
		XGQ-TR8A	Output	64	NPN	Interface terminal block	CH40-FP□-1R	2
			Output	64	NPN	Relay terminal block	CH40-FP□-E1T1R	2
	XGQ-TR8B	Output	64	PNP	Interface terminal block	CH40-FP□-1R	2	
		Output	64	PNP	Relay terminal block	CH40-FP□-E1T4R	2	
	XGB	XBM-DN32H	Input/Output	32	-	Interface terminal block	CH40-HP□-8L	1
		XBM-DN16S	Input	8	-	Interface terminal block	CH20-HP□-1R	1
			Output	8	NPN	Interface terminal block	CH20-HP□-1L	1
			Output	8	NPN	Relay terminal block	CH20-HP□-D1T1L	1
		XBM-DN32S	Input	16	-	Interface terminal block	CH20-HP□-1R	1
			Output	16	NPN	Interface terminal block	CH20-HP□-1L	1
		XBE-DN32A	Output	16	NPN	Relay terminal block	CH20-HP□-D1T1L	1
			Input/Output	32	-	Interface terminal block	CH40-HP□-8L	1
		XBE-DC32A	Input	32	-	Interface terminal block	CH40-HP□-8L	1
			Output	32	NPN	Interface terminal block	CH40-HP□-8L	1
		XBE-TN32A	Output	32	NPN	Relay terminal block	CH40-HP□-E1T1L	1
			Output	32	PNP	Interface terminal block	CH40-HP□-8L	1
XBE-TP32A		Output	32	PNP	Relay terminal block	CH40-HP□-E1T4L	1	
		Output	32	PNP	Relay terminal block	CH40-HP□-E1T4L	1	
MITSUBISHI	iQ-R	RX41C4, RX41C6HS	Input	32	-	Interface terminal block	CH40-FP□-1R	1
		RY41NT2P, RY41NT2H	Output	32	NPN	Interface terminal block	CH40-FP□-1R	1
			Output	32	NPN	Relay terminal block	CH40-FP□-E1T1R	1
		RY41PT1P, RY41PT2H	Output	32	PNP	Interface terminal block	CH40-FP□-1R	1
			Output	32	PNP	Relay terminal block	CH40-FP□-E1T4R	1
		RX42C4	Input	64	-	Interface terminal block	CH40-FP□-1R	2
			Output	64	NPN	Interface terminal block	CH40-FP□-1R	2
		RY42NT2P	Output	64	NPN	Relay terminal block	CH40-FP□-E1T1R	2
			Output	64	PNP	Interface terminal block	CH40-FP□-1R	2
		RY42PT1P	Output	64	PNP	Relay terminal block	CH40-FP□-E1T4R	2
	Output		64	PNP	Relay terminal block	CH40-FP□-E1T4R	2	
	QnU	RH42C4NT2P	Input	32	-	Interface terminal block	CH40-FP□-1R	1
			Output	32	NPN	Interface terminal block	CH40-FP□-1R	1
			Output	32	NPN	Relay terminal block	CH40-FP□-E1T1R	1
QnU		QX41, QX42-S1/S2	Input	32	-	Interface terminal block	CH40-FP□-1R	1
	Input		32	-	Interface terminal block	CH40-FP□-1R	1	
	Output		32	NPN	Interface terminal block	CH40-FP□-1R	1	
	QH42P, QX41Y41P	Output	32	NPN	Interface terminal block	CH40-FP□-1R	1	
		Output	32	NPN	Relay terminal block	CH40-FP□-E1T1R	1	
	QX42, QX42-S1	Input	64	-	Interface terminal block	CH40-FP□-1R	2	
		Input	64	-	Interface terminal block	CH40-FP□-1R	2	
	QY41P	Output	32	NPN	Interface terminal block	CH40-FP□-1R	1	
		Output	32	NPN	Relay terminal block	CH40-FP□-E1T1R	1	
	QY42P	Output	64	NPN	Interface terminal block	CH40-FP□-1R	2	
		Output	64	NPN	Relay terminal block	CH40-FP□-E1T1R	2	
QY82P	Output	64	PNP	Interface terminal block	CH40-FP□-1R	2		
	Output	64	PNP	Relay terminal block	CH40-FP□-E1T4R	2		
QX81, QX81-S2	Input	32	-	Interface terminal block	CH37-DP□-3R	1		
	Output	32	PNP	Interface terminal block	CH37-DP□-3R	1		
QY81P	Output	32	PNP	Relay terminal block	CH37-DP□-B6T1R	1		
	Output	32	PNP	Relay terminal block	CH37-DP□-B6T1R	1		

□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

Controller						Terminal block to connect	Proper cable	
Manufacturer	Series	Module name	Input/Output	No. of I/O	Logic		Model name	Quantity
OMRON	CJ/NJ	CJ1W-ID232, CJ1W-ID233	Input	32	-	Interface terminal block	CH40-HP□-4L	1
		CJ1W-ID262	Input1	32	-	Interface terminal block	CH40-HP□-1R	1
			Input2	32	-	Interface terminal block	CH40-HP□-4L	1
		CJ1W-OD233, CJ1W-OD234	Output	32	NPN	Interface terminal block	CH40-HP□-4L	1
			Output	32	NPN	Relay terminal block	CH40-HP□-HCM1L	1
		CJ1W-OD263	Output1	32	NPN	Interface terminal block	CH40-HP□-1R	1
			Output2	32	NPN	Interface terminal block	CH40-HP□-4L	1
			Output1	32	NPN	Relay terminal block	CH40-HP□-L9M4R	1
			Output2	32	NPN	Relay terminal block	CH40-HP□-HCM1L	1
		CJ1W-OD232	Output	32	PNP	Interface terminal block	CH40-HP□-4L	1
			Output	32	PNP	Relay terminal block	CH40-HP□-HCM4L	1
		CJ1W-OD262	Output1	32	PNP	Interface terminal block	CH40-HP□-1R	1
			Output2	32	PNP	Interface terminal block	CH40-HP□-4L	1
			Output1	32	PNP	Relay terminal block	CH40-HP□-L9M1R	1
			Output2	32	PNP	Relay terminal block	CH40-HP□-HCM4L	1
		CJ1W-MD263	Input	32	-	Interface terminal block	CH40-HP□-4L	1
			Output	32	NPN	Interface terminal block	CH40-HP□-1R	1
			Output	32	NPN	Relay terminal block	CH40-HP□-L9M1R	1
		CJ1W-MD233	Input	16	-	Interface terminal block	CH20-HP□-4L	1
			Output	16	NPN	Interface terminal block	CH20-HP□-1R	1
			Output	16	NPN	Relay terminal block	CH20-HP□-C1T4R	1
		CJ1W-MD232	Input	16	-	Interface terminal block	CH20-HP□-4L	1
			Output	16	PNP	Interface terminal block	CH20-HP□-1R	1
			Output	16	PNP	Relay terminal block	CH20-HP□-C1T4R	1
	CJ1W-ID231	Input	32	-	Interface terminal block	CH40-FP□-4L	1	
	CJ1W-ID261	Input1	32	-	Interface terminal block	CH40-FP□-1R	1	
		Input2	32	-	Interface terminal block	CH40-FP□-4L	1	
	CJ1W-OD231	Output	32	NPN	Interface terminal block	CH40-FP□-4L	1	
		Output	32	NPN	Relay terminal block	CH40-FP□-L1T4L	1	
	CJ1W-OD261	Output1	32	NPN	Interface terminal block	CH40-FP□-1R	1	
		Output2	32	NPN	Interface terminal block	CH40-FP□-4L	1	
		Output1	32	NPN	Relay terminal block	CH40-FP□-I4T1R	1	
		Output2	32	NPN	Relay terminal block	CH40-FP□-L1T4L	1	
	CJ1W-MD261	Input	32	-	Interface terminal block	CH40-FP□-4L	1	
		Output	32	NPN	Interface terminal block	CH40-FP□-1R	1	
		Output	32	NPN	Relay terminal block	CH40-FP□-I4T1R	1	
	NX	NX-ID6142-5	Input	32	-	Interface terminal block	CH40-HP□-4L	1
			Output	32	NPN	Interface terminal block	CH40-HP□-4L	1
		NX-OD6121-5	Output	32	NPN	Relay terminal block	CH40-HP□-HCM1L	1
			Output	32	PNP	Interface terminal block	CH40-HP□-4L	1
		NX-OD6256-5	Output	32	PNP	Relay terminal block	CH40-HP□-HCM4L	1
			Output	32	PNP	Relay terminal block	CH40-HP□-HCM4L	1
		NX-ID5142-5	Input	16	-	Interface terminal block	CH20-HP□-4L	1
		NX-OD5121-5	Output	16	NPN	Interface terminal block	CH20-HP□-4L	1
			Output	16	NPN	Relay terminal block	CH20-HP□-A4T1L	1
		NX-OD5256-5	Output	16	PNP	Interface terminal block	CH20-HP□-4L	1
			Output	16	PNP	Relay terminal block	CH20-HP□-A4T4L	1
		NX-MD6121-5	Input	16	-	Interface terminal block	CH20-HP□-4L	1
Output			16	NPN	Interface terminal block	CH20-HP□-1R	1	
Output			16	NPN	Relay terminal block	CH20-HP□-C1T4R	1	
NX-MD6256-5	Input	16	-	Interface terminal block	CH20-HP□-4L	1		
	Output	16	PNP	Interface terminal block	CH20-HP□-1R	1		
	Output	16	PNP	Relay terminal block	CH20-HP□-C1T4R	1		
NX-ID6142-6	Input	32	-	Interface terminal block	CH40-FP□-4L	1		
NX-OD6121-6	Output	32	NPN	Interface terminal block	CH40-FP□-4L	1		
	Output	32	NPN	Relay terminal block	CH40-FP□-L1T4L	1		
RS Automation	X8	X8-XU32, X8-XU32SA	Input	32	-	Interface terminal block	CH40-HP□-4L	1
		X8-YN32, X8-YN32S	Output	32	NPN	Interface terminal block	CH40-HP□-4L	1
			Output	32	NPN	Relay terminal block	CH40-HP□-F5T1L	1

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Controller						Terminal block to connect	Proper cable	
Manufacturer	Series	Module name	Input/Output	No. of I/O	Logic		Model name	Quantity
YOKOGAWA	FA-M3V	F3XD32-3F, F3XD32-4F, F3XD32-5F	Input	32	-	Interface terminal block	CH40-FP□-1R	1
		F3XD64-3F, F3XD64-4F	Input	64	-	Interface terminal block	CH40-FP□-1R	2
		F3YD32-1H, F3YD32-1P	Output	32	NPN	Interface terminal block	CH40-FP□-1R	1
		F3YD32-1H, F3YD32-1P	Output	32	NPN	Relay terminal block	CH40-FP□-H4M1R	1
		F3YD64-1P	Output	64	NPN	Interface terminal block	CH40-FP□-1R	2
			Output	64	NPN	Relay terminal block	CH40-FP□-H4M1R	2
		F3YD32-1R	Output	32	PNP	Interface terminal block	CH40-FP□-1R	1
			Output	32	PNP	Relay terminal block	CH40-FP□-H4M1R	1
		F3YD64-1R	Output	64	PNP	Interface terminal block	CH40-FP□-1R	2
			Output	64	PNP	Relay terminal block	CH40-FP□-H4M1R	2
		F3WD64-3P, F3WD64-4P	Input	32	-	Interface terminal block	CH40-FP□-1R	1
			Output	32	NPN	Interface terminal block	CH40-FP□-1R	1
Output	32		NPN	Relay terminal block	CH40-FP□-H4M1R	1		
FUJI	MICREX-SX	NP1X3206-W, NP1X3202-W	Input	32	-	Interface terminal block	CH40-FP□-4R	1
		NP1Y32T09P1	Output	32	NPN	Interface terminal block	CH40-FP□-4R	1
			Output	32	NPN	Relay terminal block	CH40-FP□-E1T1R	1
		NP1Y64T09P1	Output	64	NPN	Interface terminal block	CH40-FP□-4R	1
			Output	64	NPN	Relay terminal block	CH40-FP□-E1T1R	2
		NP1Y32U09P1	Output	32	PNP	Interface terminal block	CH40-FP□-4R	1
			Output	32	PNP	Relay terminal block	CH40-FP□-E1T4R	1
		NP1Y64U09P1	Output	64	PNP	Interface terminal block	CH40-FP□-4R	1
			Output	64	PNP	Relay terminal block	CH40-FP□-E1T4R	2
		NP1W6406T	Input	32	-	Interface terminal block	CH40-FP□-4R	1
			Output	32	NPN	Interface terminal block	CH40-FP□-4R	1
		NP1W6406U	Input	32	-	Interface terminal block	CH40-FP□-4R	1
			Output	32	PNP	Interface terminal block	CH40-FP□-4R	1
		NP1W6406U	Output	32	PNP	Relay terminal block	CH40-FP□-E1T4R	1
Output	32		PNP	Relay terminal block	CH40-FP□-E1T4R	1		
CIMON	CM1	XD32E, XD32F	Input	32	-	Interface terminal block	CH37-DS□-4R	1
		YT32E	Output	32	NPN	Interface terminal block	CH37-DS□-4R	1
			Output	32	NPN	Relay terminal block	CH37-DS□-F5T1R	1
		YT32F	Output	32	PNP	Interface terminal block	CH37-DS□-4R	1
			Output	32	PNP	Relay terminal block	CH37-DS□-F5T4R	1
		XD64E	Input	64	-	Interface terminal block	CH40-FP□-1R	2
		YT64E	Output	64	NPN	Interface terminal block	CH40-FP□-1R	2
			Output	64	NPN	Relay terminal block	CH40-FP□-E1T1R	2
Autonics	LP	LP-S044-S1D0(1)-C5R	Input	16	-	Interface terminal block	CH20-HP□-4R	1
			Output	16	NPN	Interface terminal block	CH20-HP□-4R	1
			Output	16	NPN	Relay terminal block	CH20-HP□-C1T1R	1
		LP-S070-T9D6(7)-C5R	Input	16	-	Interface terminal block	CH20-HP□-4R	1
			Output	16	NPN	Interface terminal block	CH20-HP□-4R	1
			Output	16	NPN	Relay terminal block	CH20-HP□-C1T1R	1
		LP-A070-T9D6(7)-C5R	Input	16	-	Interface terminal block	CH20-HP□-4R	1
			Output	16	NPN	Interface terminal block	CH20-HP□-4R	1
			Output	16	NPN	Relay terminal block	CH20-HP□-C1T1R	1
		LP-A104-T9D8(9)-C6R	Input	32	-	Interface terminal block	CH20-HP□-4R	2
			Output	32	NPN	Interface terminal block	CH20-HP□-4R	2
			Output	32	NPN	Relay terminal block	CH20-HP□-C1T1R	2
	PMC	PMC-1HS(PI/F side), PMC-2HS(PI/F side)	Input/Output	20	-	Interface terminal block	CH20-HP□-1R	1
			PMC-2HSP(PI/F side), PMC-2HSN(PI/F side)	Input/Output	20	-	Interface terminal block	CH20-HP□-1R

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■ Sensor connector terminal block

Controller						Terminal block to connect		Proper cable	
Manufacturer	Series	Module name	Input/Output	No. of I/O	Logic	Type	Logic	Model name	Quantity
LS	XGT	XGI-D24A	Input	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T3R	1
			Input	32	PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T2R	1
		XGI-D24B	Input	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T3R	1
			Input	32	PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T2R	1
		XGI-D28A	Input	64	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T3R	2
			Input	64	PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T2R	2
		XGI-D28B	Input	64	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T3R	2
			Input	64	PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T2R	2
		XGQ-TR4A	Output	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T1R	1
		XGQ-TR4B	Output	32	PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T1R	1
	XGQ-TR8A	Output	64	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T1R	2	
	XGQ-TR8B	Output	64	PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T1R	2	
	XGB	XBM-DN32H	Input/Output	32	PNP	Sensor connector terminal block	PNP	CH40-HP□-D1T1L	1
		XBE-DN32A	Input/Output	32	PNP	Sensor connector terminal block	PNP	CH40-HP□-D1T1L	1
			Input	8	NPN	Sensor connector terminal block	NPN	CH20-HP□-D1T3R	1
			Input	8	PNP	Sensor connector terminal block	PNP	CH20-HP□-D1T6R	1
		XBM-DN16S	Output	8	NPN	Sensor connector terminal block	NPN	CH20-HP□-D1T1L	1
			Input	16	NPN	Sensor connector terminal block	NPN	CH20-HP□-D1T3R	1
			Input	16	PNP	Sensor connector terminal block	PNP	CH20-HP□-D1T6R	1
		XBM-DN32S	Output	16	NPN	Sensor connector terminal block	NPN	CH20-HP□-D1T1L	1
Input			32	NPN	Sensor connector terminal block	NPN	CH40-HP□-E1T3L	1	
Input			32	PNP	Sensor connector terminal block	PNP	CH40-HP□-E1T2L	1	
XBE-DC32A	Output	32	NPN	Sensor connector terminal block	NPN	CH40-HP□-E1T1L	1		
XBE-TN32A	Output	32	NPN	Sensor connector terminal block	NPN	CH40-HP□-E1T1L	1		
XBE-TP32A	Output	32	PNP	Sensor connector terminal block	PNP	CH40-HP□-E1T1L	1		
MITSUBISHI	iQ-R	RX41C4, RX41C6HS	Input	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T3R	1
			Input	32	PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T6R	1
		RY41NT2P, RY41NT2H	Output	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T1R	1
		RY41PT1P, RY41PT2H	Output	32	PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T1R	1
		RX42C4	Input	64	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T3R	2
			Input	64	PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T6R	2
		RY42NT2P	Output	64	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T1R	2
		RY42PT1P	Output	64	PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T1R	2
		RH42C4NT2P	Input	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T3R	1
			Input	32	PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T6R	1
	Output	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T1R	1		
	QnU	QX41, QX42-S1/S2	Input	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T3R	1
			Input	32	PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T6R	1
		QH42P, QX41Y41P	Input	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T3R	1
			Output	32	PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T6R	1
		QX42, QX42-S1	Input	64	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T3R	2
			Input	64	PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T6R	2
		QX82	Input	64	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T3R	2
			Input	64	PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T6R	2
		QY41P	Output	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T1R	1
QY42P		Output	64	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T1R	2	
QY82P	Output	64	PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T1R	2		
QX81, QX81-S2	Input	32	PNP	Sensor connector terminal block	PNP	CH37-DP□-B6T2R	1		
QY81P	Output	32	PNP	Sensor connector terminal block	PNP	CH37-DP□-B6T1R	1		

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Controller						Terminal block to connect		Proper cable			
Manufacturer	Series	Module name	Input/Output	No. of I/O	Logic	Type	Logic	Model name	Quantity		
OMRON	CJ/NJ	CJ1W-ID232, CJ1W-ID233	Input	32	NPN	Sensor connector terminal block	NPN	CH40-HP□-HCM3L	1		
			Input	32	PNP	Sensor connector terminal block	PNP	CH40-HP□-HCM2L	1		
		CJ1W-ID262	Input1	32	NPN	Sensor connector terminal block	NPN	CH40-HP□-L9M3R	1		
			Input1	32	PNP	Sensor connector terminal block	PNP	CH40-HP□-L9M6R	1		
			Input2	32	NPN	Sensor connector terminal block	NPN	CH40-HP□-HCM3L	1		
			Input2	32	PNP	Sensor connector terminal block	PNP	CH40-HP□-HCM2L	1		
		CJ1W-OD233, CJ1W-OD234	Output	32	NPN	Sensor connector terminal block	NPN	CH40-HP□-HCM1L	1		
			CJ1W-OD263	Output1	32	NPN	Sensor connector terminal block	NPN	CH40-HP□-L9M4R	1	
		Output2		32	NPN	Sensor connector terminal block	NPN	CH40-HP□-HCM1L	1		
		CJ1W-OD232	Output	32	PNP	Sensor connector terminal block	PNP	CH40-HP□-HCM1L	1		
		CJ1W-OD262	Output1	32	PNP	Sensor connector terminal block	PNP	CH40-HP□-L9M4R	1		
			Output2	32	PNP	Sensor connector terminal block	PNP	CH40-HP□-HCM1L	1		
		CJ1W-MD263	Input	32	NPN	Sensor connector terminal block	NPN	CH40-HP□-HCM3L	1		
			Input	32	PNP	Sensor connector terminal block	PNP	CH40-HP□-HCM2L	1		
			Output	32	NPN	Sensor connector terminal block	NPN	CH40-HP□-L9M4R	1		
		CJ1W-MD233	Input	16	NPN	Sensor connector terminal block	NPN	CH20-HP□-A4T5L	1		
				16	PNP	Sensor connector terminal block	PNP	CH20-HP□-A4T2L	1		
			Output	16	NPN	Sensor connector terminal block	NPN	CH20-HP□-C1T4R	1		
		CJ1W-MD232	Input	16	NPN	Sensor connector terminal block	NPN	CH20-HP□-A4T5L	1		
				16	PNP	Sensor connector terminal block	PNP	CH20-HP□-A4T2L	1		
		CJ1W-ID231	Input	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-X1T3L	1		
				32	PNP	Sensor connector terminal block	PNP	CH40-FP□-X1T6L	1		
		CJ1W-ID261	Input1	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-W4T5R	1		
				32	PNP	Sensor connector terminal block	PNP	CH40-FP□-W4T2R	1		
			Input2	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-X1T3L	1		
				32	PNP	Sensor connector terminal block	PNP	CH40-FP□-X1T6L	1		
		CJ1W-OD231	Output	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-L1T4L	1		
		CJ1W-OD261	Output1	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-H4T1R	1		
			Output2	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-L1T4L	1		
		CJ1W-MD261	Input	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-X1T3L	1		
				32	PNP	Sensor connector terminal block	PNP	CH40-FP□-X1T6L	1		
			Output	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-H4T1R	1		
				32	NPN	Sensor connector terminal block	NPN	CH40-HP□-HCM5L	1		
		NX	NX	NX-ID6142-5	Input	32	NPN	Sensor connector terminal block	NPN	CH40-HP□-HCM5L	1
					Input	32	PNP	Sensor connector terminal block	PNP	CH40-HP□-HCM2L	1
				NX-OD6121-5	Output	32	NPN	Sensor connector terminal block	NPN	CH40-HP□-HCM1L	1
					Output	32	PNP	Sensor connector terminal block	PNP	CH40-HP□-HCM1L	1
				NX-ID5142-5	Input	16	NPN	Sensor connector terminal block	NPN	CH20-HP□-A4T5L	1
						16	PNP	Sensor connector terminal block	PNP	CH20-HP□-A4T2L	1
				NX-OD5121-5	Output	16	NPN	Sensor connector terminal block	NPN	CH20-HP□-A4T1L	1
						16	PNP	Sensor connector terminal block	PNP	CH20-HP□-A4T1L	1
				NX-MD6121-5	Input	16	NPN	Sensor connector terminal block	NPN	CH20-HP□-A4T5L	1
						16	PNP	Sensor connector terminal block	PNP	CH20-HP□-A4T2L	1
					Output	16	NPN	Sensor connector terminal block	NPN	CH20-HP□-C1T4R	1
						16	NPN	Sensor connector terminal block	NPN	CH20-HP□-A4T5L	1
					Input	16	PNP	Sensor connector terminal block	PNP	CH20-HP□-A4T2L	1
						16	PNP	Sensor connector terminal block	PNP	CH20-HP□-C1T1R	1
		RS Automation	X8	X8-XU32, X8-XU32SA	Input	32	NPN	Sensor connector terminal block	NPN	CH40-HP□-F5T3L	1
Input	32				PNP	Sensor connector terminal block	PNP	CH40-HP□-F5T2L	1		
X8-YN32, X8-YN32S	Output			32	NPN	Sensor connector terminal block	NPN	CH40-HP□-F5T1L	1		
	Output			32	NPN	Sensor connector terminal block	NPN	CH40-HP□-F5T1L	1		
YOKOGAWA	FA-M3V	F3XD32-3F, F3XD32-4F, F3XD32-5F	Input	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-W4T5R	1		
				32	PNP	Sensor connector terminal block	PNP	CH40-FP□-W4T2R	1		
		F3XD64-3F, F3XD64-4F	Input	64	NPN	Sensor connector terminal block	NPN	CH40-FP□-W4T5R	2		
				64	PNP	Sensor connector terminal block	PNP	CH40-FP□-W4T2R	2		
		F3YD32-1H, F3YD32-1P	Output	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-H4M1R	1		
				64	NPN	Sensor connector terminal block	NPN	CH40-FP□-H4M1R	2		
		F3YD64-1P	Output	64	NPN	Sensor connector terminal block	NPN	CH40-FP□-H4M1R	2		
		F3YD32-1R	Output	32	PNP	Sensor connector terminal block	PNP	CH40-FP□-H4M4R	1		
		F3YD64-1R	Output	64	PNP	Sensor connector terminal block	PNP	CH40-FP□-H4M4R	2		
		F3WD64-3P, F3WD64-4P	Input	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-W4T5R	1		
32	PNP			Sensor connector terminal block	PNP	CH40-FP□-W4T2R	1				
	Output	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-H4M1R	1				

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Controller					Terminal block to connect			Proper cable	
Manufacturer	Series	Module name	Input/Output	No. of I/O	Logic	Type	Logic	Model name	Quantity
FUJI	MICREX-SX	NP1X3206-W, NP1X3202-W	Input	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T3R	1
						Sensor connector terminal block	PNP	CH40-FP□-E1T6R	1
		NP1Y32T09P1	Output	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T1R	1
		NP1Y64T09P1	Output	64	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T1R	2
		NP1Y32U09P1	Output	32	PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T1R	1
		NP1Y64U09P1	Output	64	PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T1R	2
		NP1W6406T	Input	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T3R	1
						Sensor connector terminal block	PNP	CH40-FP□-E1T6R	1
		NP1W6406U	Input	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T3R	1
						Sensor connector terminal block	PNP	CH40-FP□-E1T6R	1
			Output	32	PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T1R	1
CIMON	CM1	XD64E	Input	64	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T3R	2
						Sensor connector terminal block	PNP	CH40-FP□-E1T6R	2
		YT64E	Output	64	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T1R	2
Autonics	LP	LP-S044-S1D0(1)-C5R	Input	16	NPN	Sensor connector terminal block	NPN	CH20-HP□-C1T5R	1
						Sensor connector terminal block	NPN	CH20-HP□-C1T1R	1
		LP-S070-T9D6(7)-C5R	Input	16	NPN	Sensor connector terminal block	NPN	CH20-HP□-C1T5R	1
						Sensor connector terminal block	NPN	CH20-HP□-C1T1R	1
		LP-A070-T9D6(7)-C5R	Input	16	NPN	Sensor connector terminal block	NPN	CH20-HP□-C1T5R	1
						Sensor connector terminal block	NPN	CH20-HP□-C1T1R	1
		LP-A104-T9D8(9)-C6R	Input	32	NPN	Sensor connector terminal block	NPN	CH20-HP□-C1T5R	1
						Sensor connector terminal block	NPN	CH20-HP□-C1T1R	1
	Output	32	NPN	Sensor connector terminal block	NPN	CH20-HP□-C1T1R	1		

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Controller				Connector	Terminal block to connect	Proper cable	
Manufacturer	Series	Module name	No. of I/O			Model name	Quantity
MITSUBISHI	J3	MR-J3-A	50	CN1	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1
		MR-J3-B(□)	20	CN3	Interface terminal block	CH20-MP□-8R	1
			20	CN20	Interface terminal block	CH20-MP□-8R	1
		MR-J3-D01	26	CN6	Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1
			50	CN10	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1
		MR-J3-T	20	CN20	Interface terminal block	CH20-MP□-8R	1
			26	CN6	Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1
	50	CM10	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1		
	MR-J3W-B	26	CN3	Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1	
	J4	MR-J4-B(-RJ)	20	CN3	Interface terminal block	CH20-MP□-8R	1
		MR-J4W2-B	26	CN3	Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1
		MR-J4W2-0303B6	26	CN3	Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1
		MR-J4W3-B	26	CN3	Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1
		MR-J4-□A(-RJ)	50	CN1	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1
MR-J4-03A6(-RJ)		50	CN1	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1	
YASKAWA	Σ-7	SGD7S-□□□□10A	26	CN1	Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1
		SGD7S-□□□□20A	26	CN1	Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1
		SGD7S-□□□□00A	50	CN1	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1
	Σ-5	SGDV	50	CN1	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1
Panasonic	A6	A6NE	26	X4	Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1
		A6NF	26	X4	Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1
		A6BE	26	X4	Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1
		A6BF	26	X4	Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1
		A6SE	50	X4	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1
		A6SG	50	X4	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1
		A6SF	50	X4	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1
	A5	MINAS A5 II N	26	X4	Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1
		MINAS A5	50	X4	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1
		MINAS A5 II	50	X4	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1

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