

Cable Selection and Connection Diagram

Check the cable selection table and connection diagram to select the proper cable model.
Only some of representative PLC are selected. If there is no PLC model you are looking for or you need branching type of cable, please contact Autonics.

1 ■ LS) XGT Series - Interface/Relay terminal block

• Cable selection guide

Controller				Terminal block to connect	Proper cable	
Module name	I/O	No. of I/O	Logic		Model name	Quantity
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

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

3 • Cable connection diagram

4 - Interface Terminal block input

COM	COM	NC	NC	OF	OE	OD	OC	OB	OA	09	08	07	06	05	04	03	02	01	00	PLC I/O signal Pin no. of PLC connector
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	
																				Terminal block signal
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	Terminal block signal
COM	COM	NC	NC	1F	1E	1D	1C	1B	1A	19	18	17	16	15	14	13	12	11	10	
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	PLC I/O signal Pin no. of PLC connector

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No.	Description
1	Search for the manufacturer and series name of PLC you have, and terminal block type to connect.
2	Search for detailed information of the PLC, and terminal block type to connect.
3	Check the model name and required quantity. If there is no item you want, please contact Autonics.
4	Search for the terminal block to connect.
5	Connect the PLC and terminal block using the purchased cable, and wire referring to the above terminal block image.

Cable Selection and Connection Diagram

Check the cable selection table and connection diagram to select the proper cable model. Only some of representative PLC are selected. If there is no PLC model you are looking for or you need branching type of cable, please contact Autonics.

■ LS) XGT Series - Interface/Relay terminal block

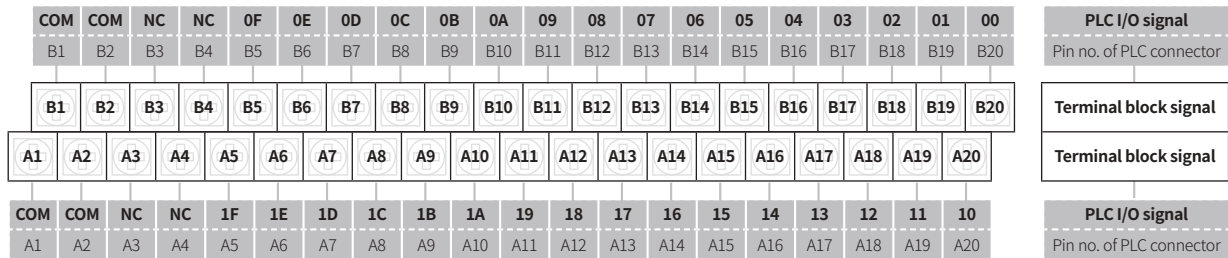
- Cable selection guide

Controller				Terminal block to connect	Proper cable	
Module name	I/O	No. of I/O	Logic		Model name	Quantity
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

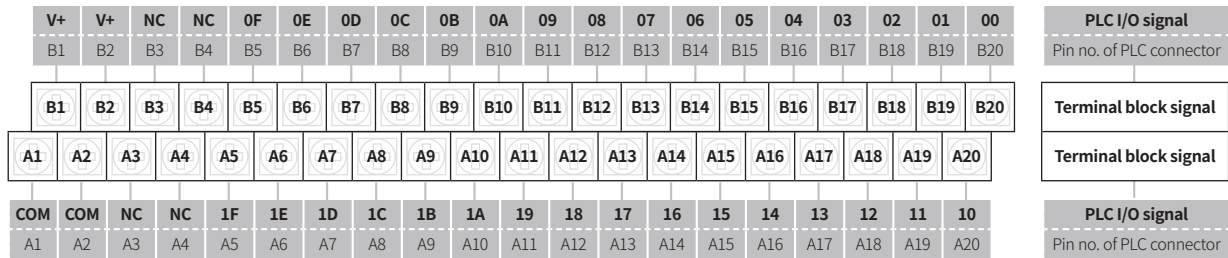
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

- Cable connection diagram

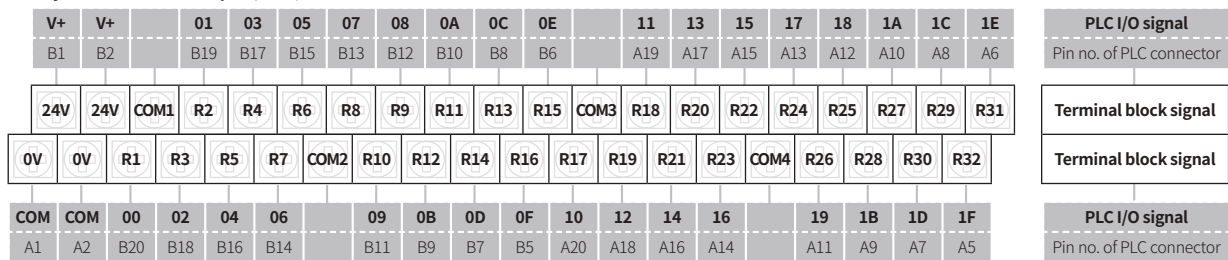
- Interface Terminal block input



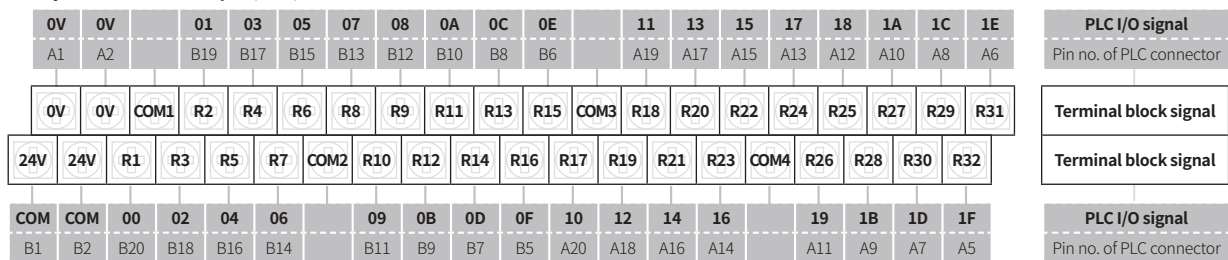
- Interface Terminal block output



- Relay Terminal block output (NPN)



- Relay Terminal block output (PNP)



■ LS) XGT Series - Sensor connector terminal block

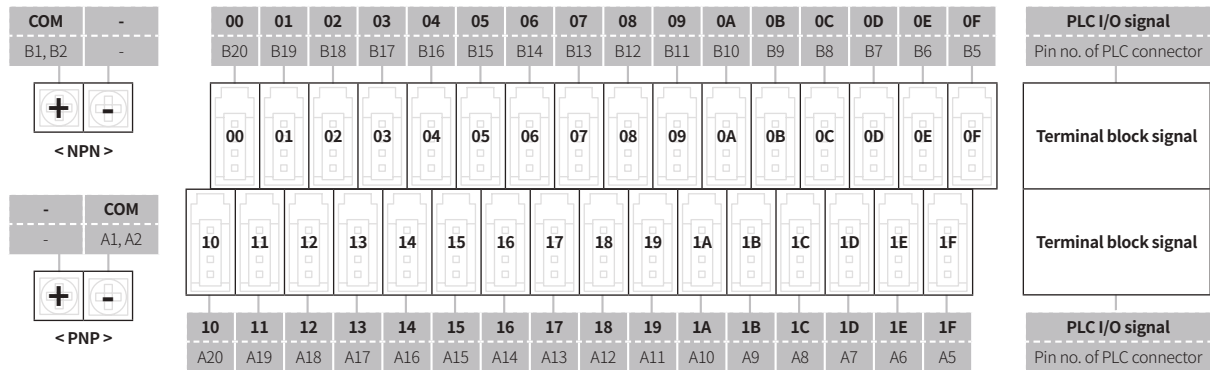
• Cable selection guide

Controller				Terminal block to connect		Proper cable	
Module name	I/O	No. of I/O	Logic	Type	Logic	Model name	Quantity
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

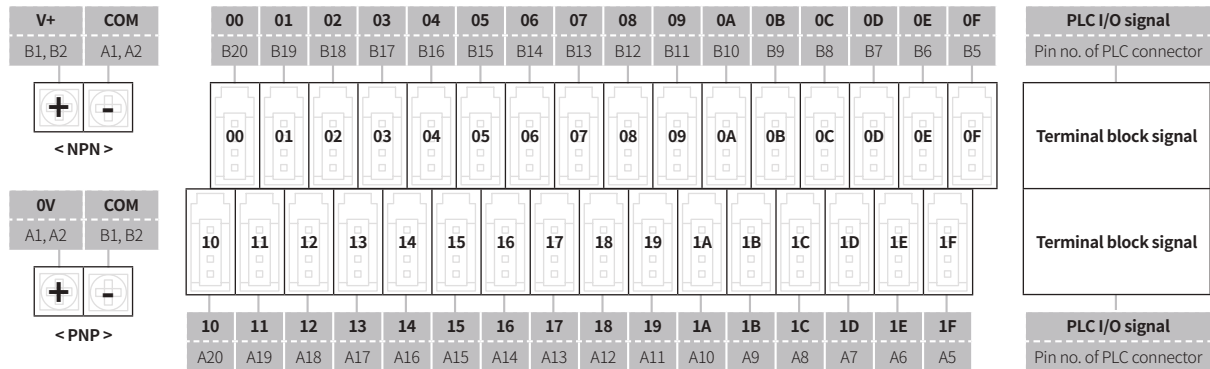
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

• Cable connection diagram

- Sensor connector Terminal block input



- Sensor connector Terminal block output



■ LS) XGB Series - Interface/Relay terminal block

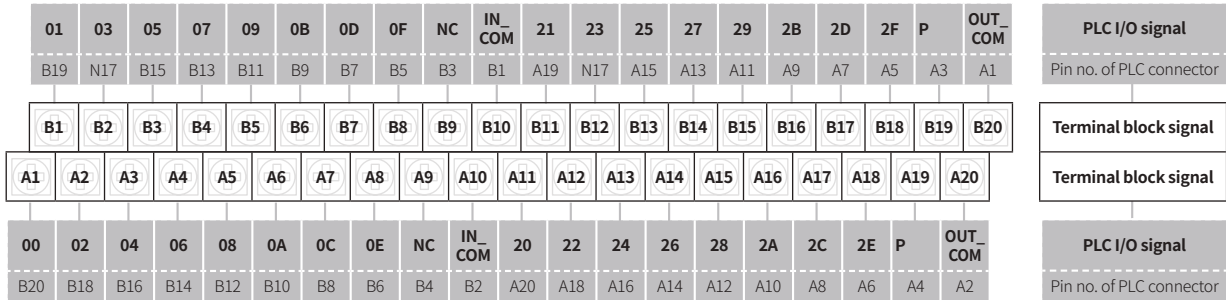
• Cable selection guide

Controller				Terminal block to connect	Proper cable	
Module name	I/O	No. of I/O	Logic		Model name	Quantity
XBM-DN32H	Input/output	32	-	Interface Terminal block	CH40-HP□-8L	1
XBE-DN32A	Input/output	32	-	Interface Terminal block	CH40-HP□-8L	1

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• Cable connection diagram

- Interface Terminal block input/output



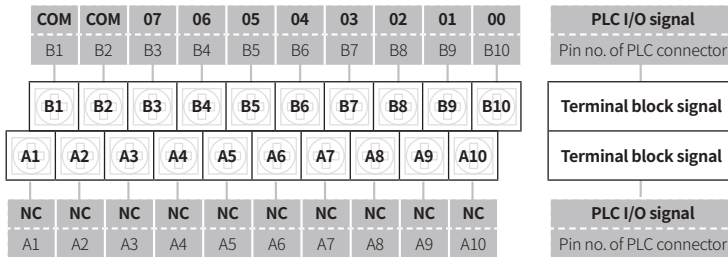
• Cable selection guide

Controller				Terminal block to connect	Proper cable	
Module name	I/O	No. of I/O	Logic		Model name	Quantity
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

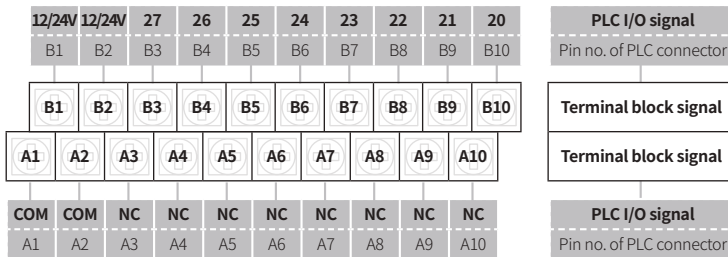
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• Cable connection diagram

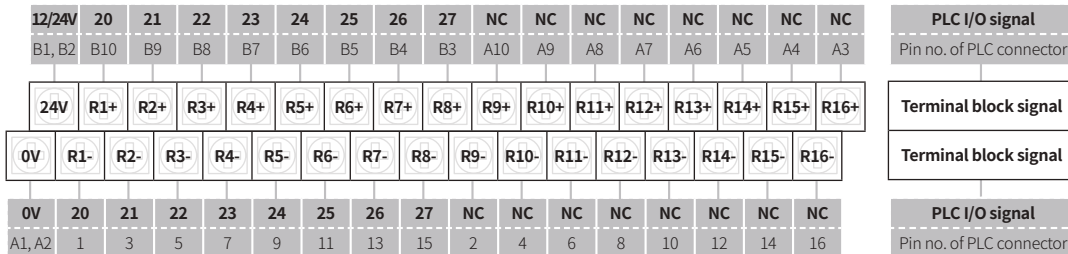
- Interface terminal block input



- Interface terminal block output



- Relay terminal block output (NPN)



■ LS) XGB Series - Interface/Relay terminal block

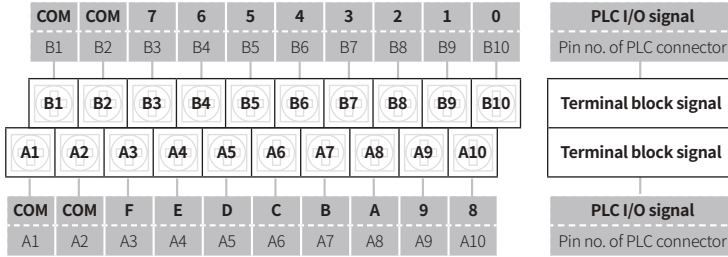
• Cable selection guide

Controller				Terminal block to connect	Proper cable	
Module name	I/O	No. of I/O	Logic		Model name	Quantity
XBM-DN32S	Input	16	-	Interface terminal block	CH20-HP□-1R	1
	Output	16	NPN	Interface terminal block	CH20-HP□-1L	1
	Output	16	NPN	Relay terminal block	CH20-HP□-D1T1L	1

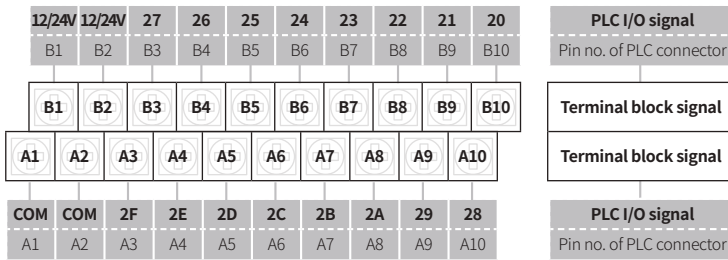
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• Cable connection diagram

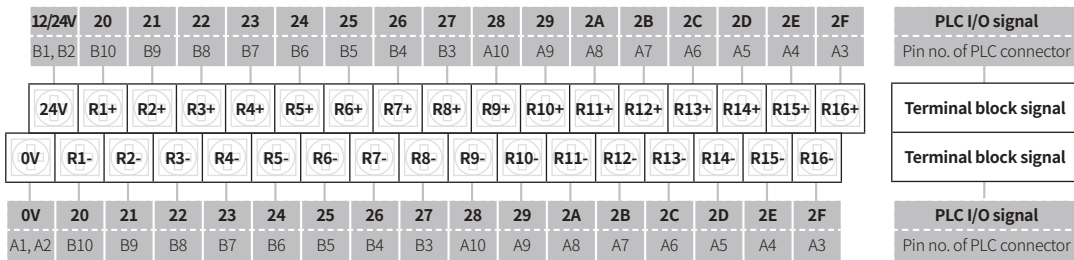
- Interface terminal block input



- Interface terminal block output



- Relay terminal block output (NPN)



■ LS) XGB Series - Interface/Relay terminal block

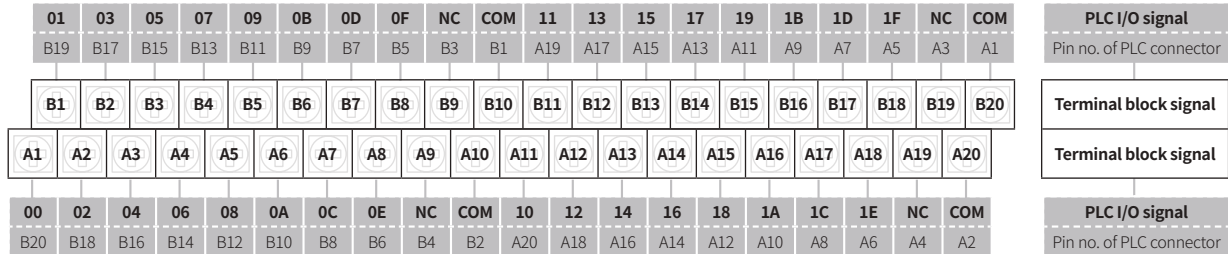
• Cable selection guide

Controller				Terminal block to connect	Proper cable	
Module name	I/O	No. of I/O	Logic		Model name	Quantity
XBE-DC32A	Input	32	-	Interface terminal block	CH40-HP□-8L	1
XBE-TN32A	Output	32	NPN	Interface terminal block	CH40-HP□-8L	1
	Output	32	NPN	Relay terminal block	CH40-HP□-E1T1L	1
XBE-TP32A	Output	32	PNP	Interface terminal block	CH40-HP□-8L	1
	Output	32	PNP	Relay terminal block	CH40-HP□-E1T4L	1

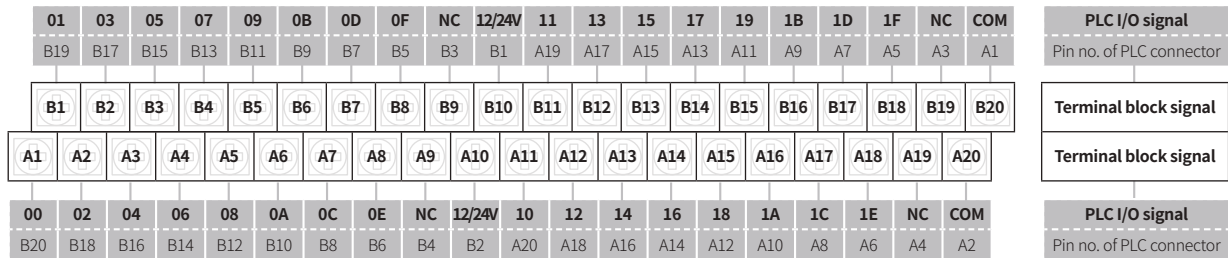
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• Cable connection diagram

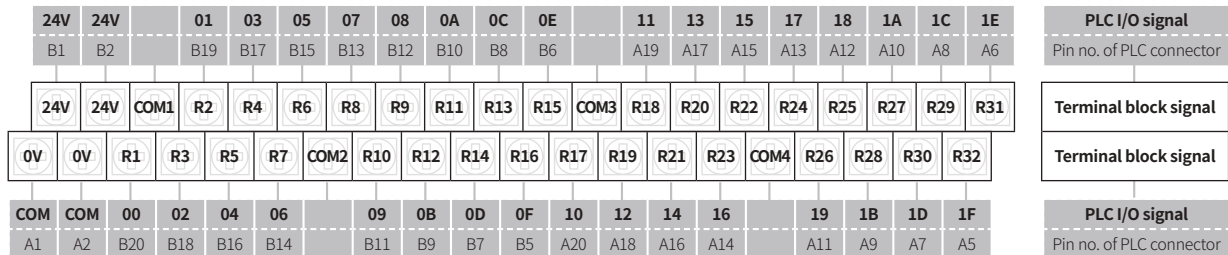
- Interface terminal block input



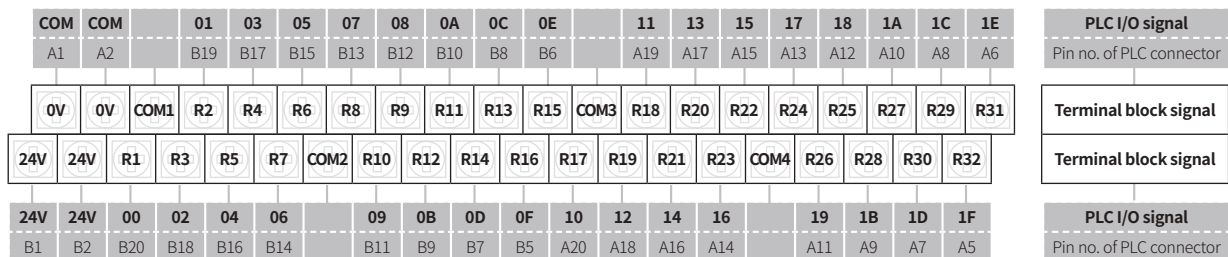
- Interface terminal block output



- Relay terminal block output (NPN)



- Relay terminal block output (PNP)



■ LS) XGB Series - Sensor connector terminal block

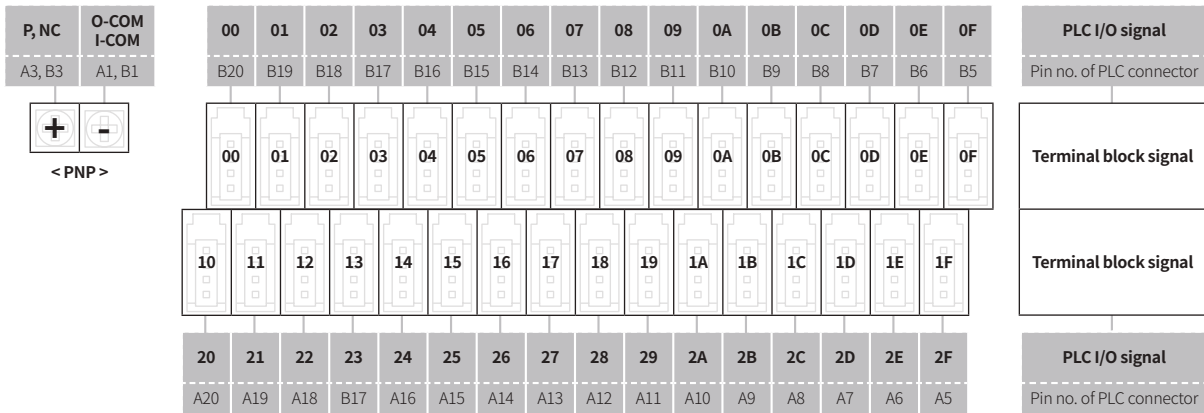
• Cable selection guide

Controller				Terminal block to connect			Proper cable	
Module name	I/O	No. of I/O	Logic	Type	Logic	Model name	Quantity	
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	

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

• Cable connection diagram

- Sensor connector terminal block input/output



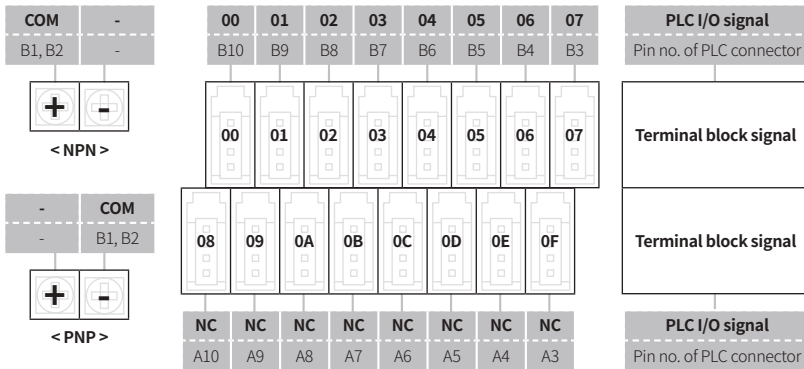
• Cable selection guide

Controller				Terminal block to connect			Proper cable	
Module name	I/O	No. of I/O	Logic	Type	Logic	Model name	Quantity	
XBM-DN16S	Input	8	NPN	Sensor connector terminal block	NPN	CH20-HP□-D1T3R	1	
	Input	8	PNP	Sensor connector terminal block	PNP	CH20-HP□-D1T6R	1	
	Output	8	NPN	Sensor connector terminal block	NPN	CH20-HP□-D1T1L	1	

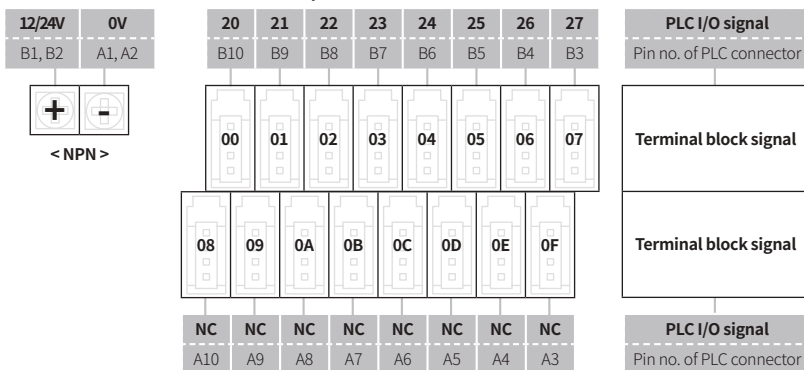
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• Cable connection diagram

- Sensor connector terminal block input



- Sensor connector terminal block output



■ LS) XGB Series - Sensor connector terminal block

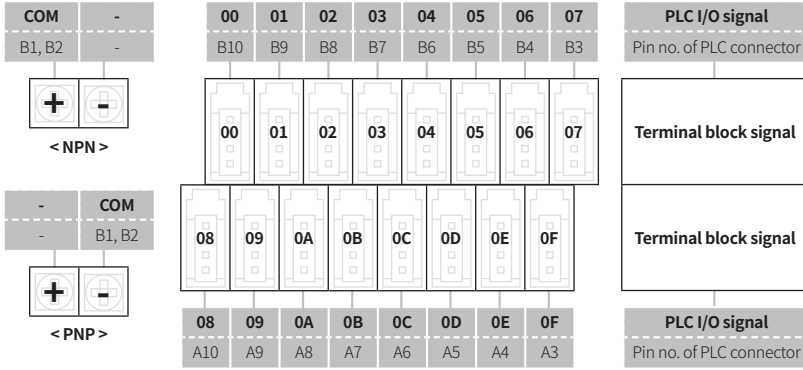
• Cable selection guide

Controller				Terminal block to connect		Proper cable	
Module name	I/O	No. of I/O	Logic	Type	Logic	Model name	Quantity
XBM-DN32S	Input	16	NPN	Sensor connector terminal block	NPN	CH20-HP□-D1T3R	1
	Input	16	PNP	Sensor connector terminal block	PNP	CH20-HP□-D1T6R	1
	Output	16	NPN	Sensor connector terminal block	NPN	CH20-HP□-D1T1L	1

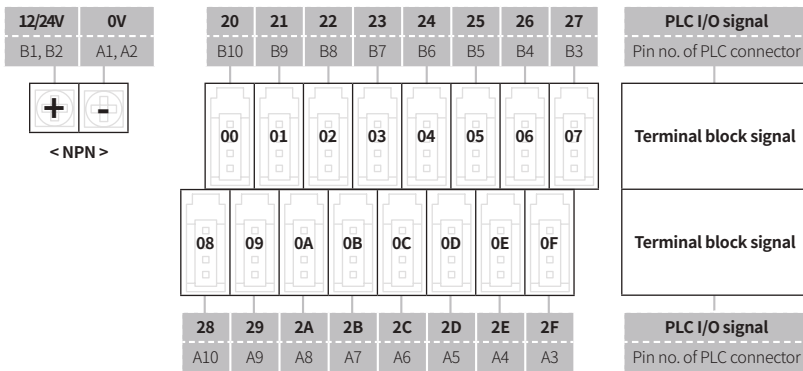
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• Cable connection diagram

- Sensor connector terminal block input



- Sensor connector terminal block output



■ LS) XGB Series - Sensor connector terminal block

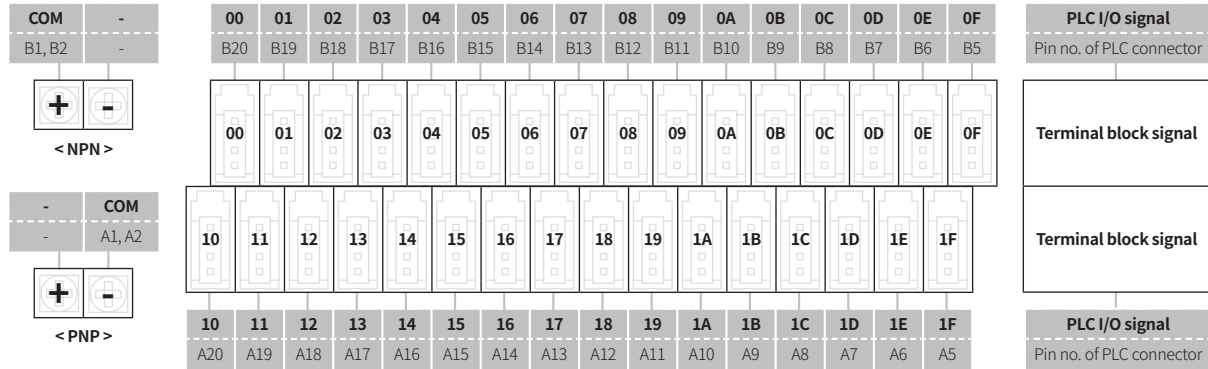
- Cable selection guide

Controller				Terminal block to connect			Proper cable	
Module name	I/O	No. of I/O	Logic	Type	Logic	Model name	Quantity	
XBE-DC32A	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-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	

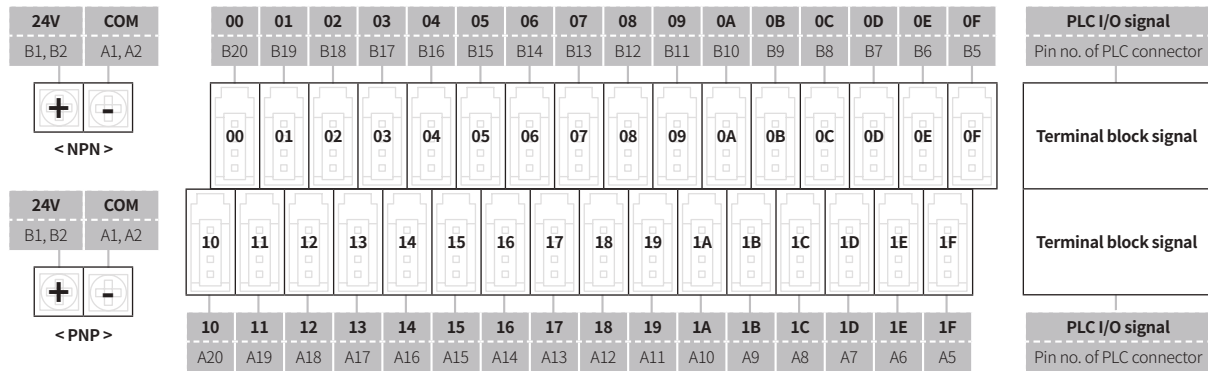
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

- Cable connection diagram

- Sensor connector terminal block input



- Sensor connector terminal block output



■ MITSUBISHI iQ-R Series - Interface/Relay terminal block

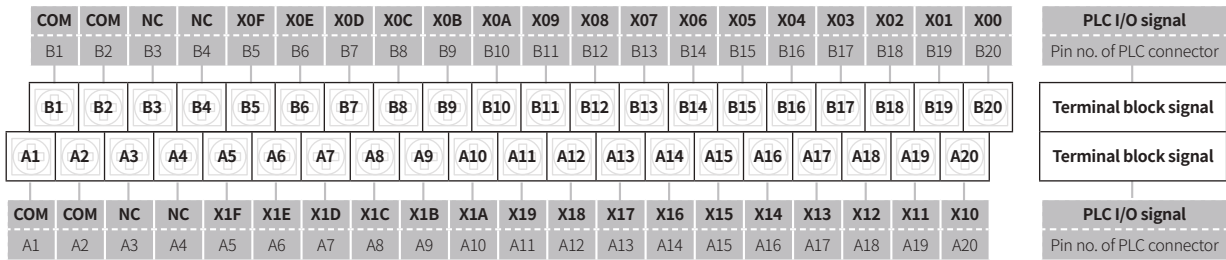
• Cable selection guide

Controller				Terminal block to connect	Proper cable	
Module name	I/O	No. of I/O	Logic		Model name	Quantity
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	NPN	Interface terminal block	CH40-FP□-1R	2
RY42PT1P	Output	64	PNP	Interface terminal block	CH40-FP□-1R	2
	Output	64	PNP	Relay terminal block	CH40-FP□-E1T4R	2
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

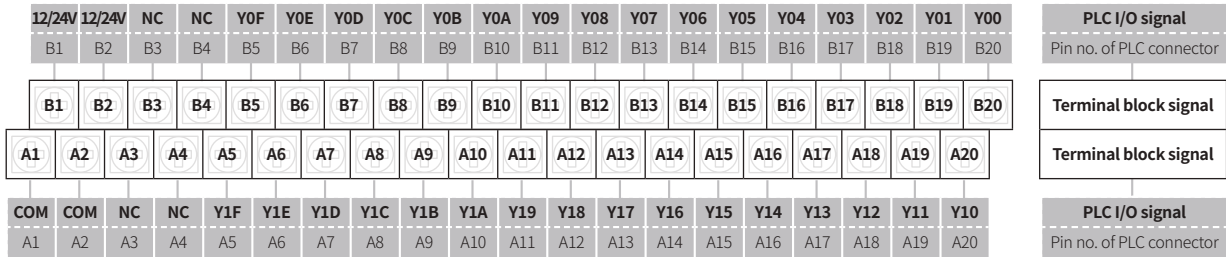
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• Cable connection diagram

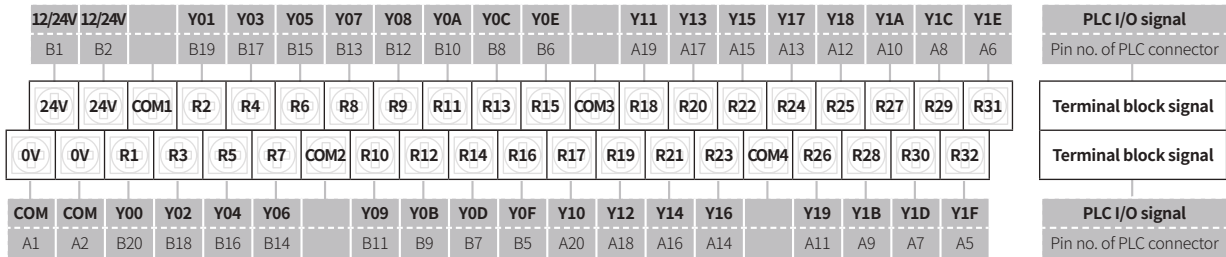
- Interface terminal block input



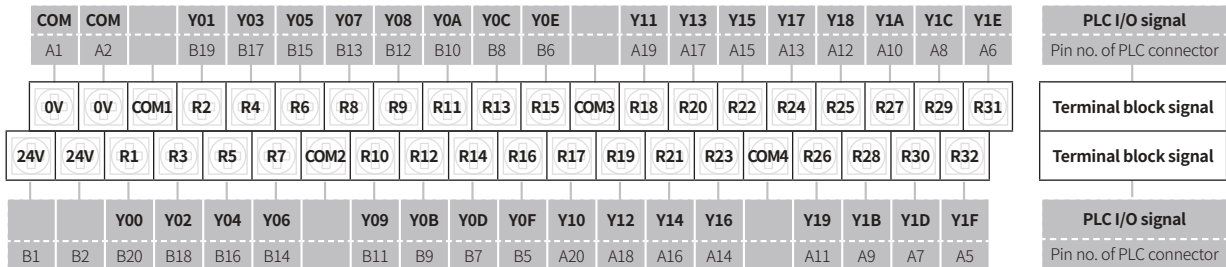
- Interface terminal block output



- Relay terminal block output (NPN)



- Relay terminal block output (PNP)



■ MITSUBISHI) iQ-R Series - Sensor connector terminal block

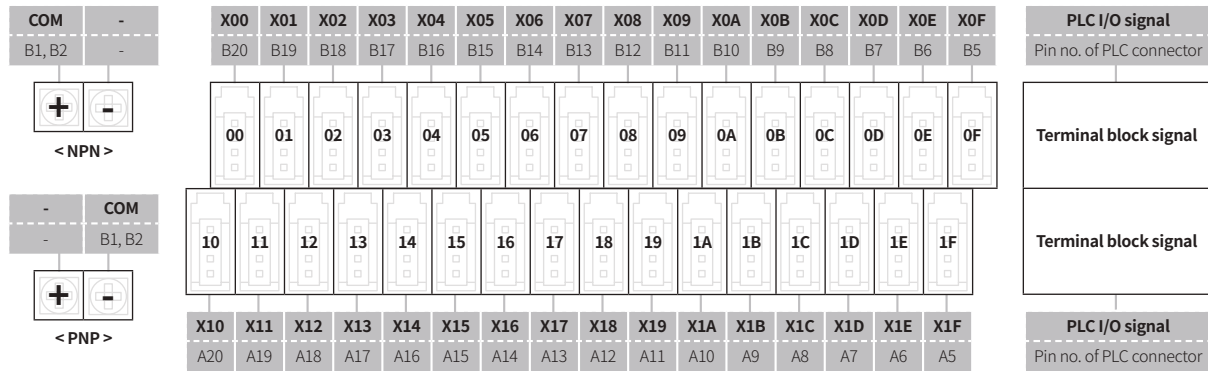
• Cable selection guide

Controller				Terminal block to connect		Proper cable	
Module name	I/O	No. of I/O	Logic	Type	Logic	Model name	Quantity
RX41C4, RX41C6HS	Input	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T3R	1
			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
			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
			PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T6R	1
	Output	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T1R	1

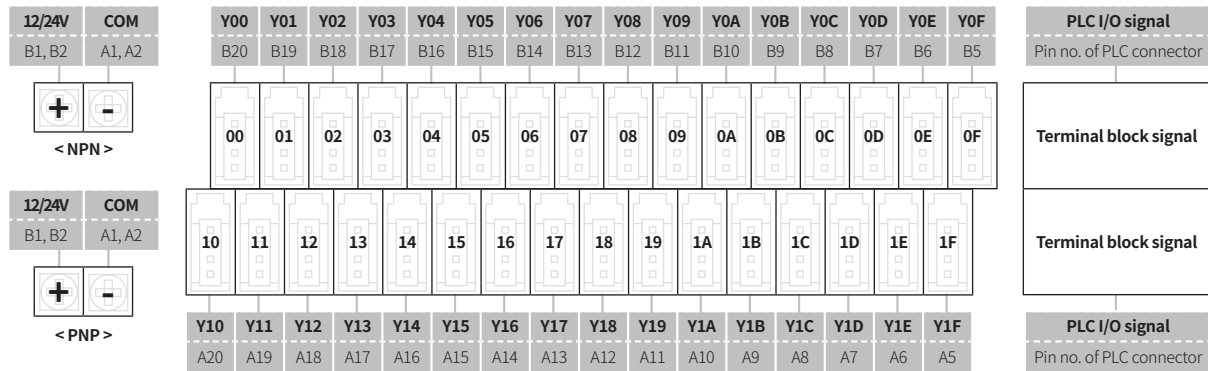
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• Cable connection diagram

- Sensor connector terminal block input



- Sensor connector terminal block output



■ MITSUBISHI) QnU Series - Interface/Relay terminal block

• Cable selection guide

Controller				Terminal block to connect	Proper cable	
Module name	I/O	No. of I/O	Logic		Model name	Quantity
QX41, QX42-S1/S2	Input	32	-	Interface terminal block	CH40-FP□-1R	1
	Input	32	-	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
QX82	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

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• Cable connection diagram

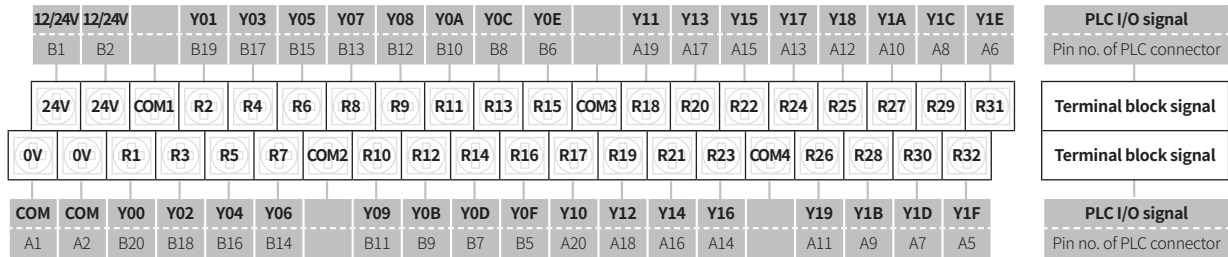
- Interface terminal block input



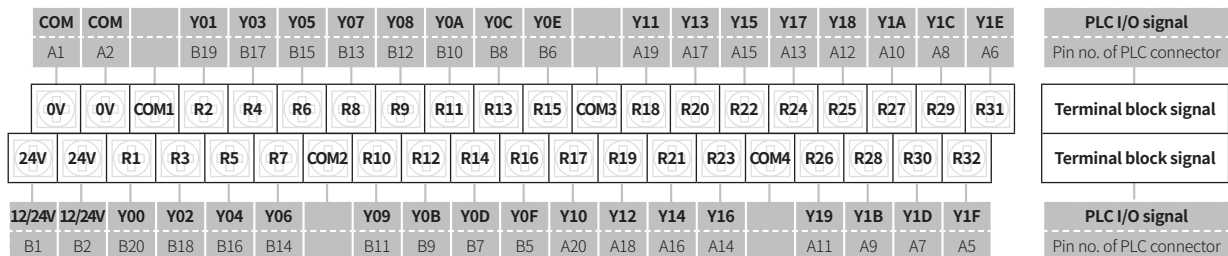
- Interface terminal block output



- Relay terminal block output (NPN)



- Relay terminal block output (PNP)



■ MITSUBISHI) QnU Series - Interface/Relay terminal block

• Cable selection guide

Controller				Terminal block to connect	Proper cable	
Module name	I/O	No. of I/O	Logic		Model name	Quantity
QX81, QX81-S2	Input	32	-	Interface terminal block	CH37-DP□-3R	1
QY81P	Output	32	PNP	Interface terminal block	CH37-DP□-3R	1
	Output	32	PNP	Relay terminal block	CH37-DP□-B6T1R	1

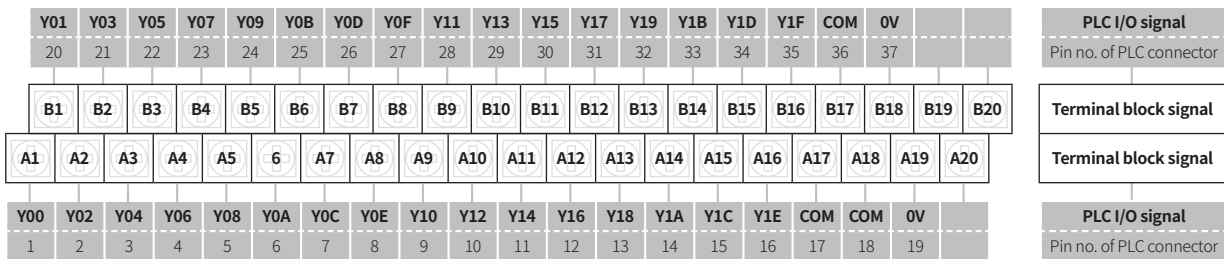
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

• Cable connection diagram

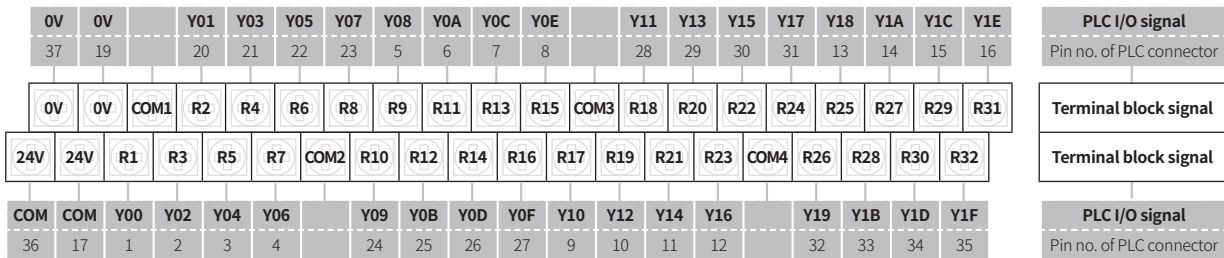
- Interface terminal block Input



- Interface terminal block output



- Relay terminal block output



■ MITSUBISHI) QnU Series - Sensor connector terminal block

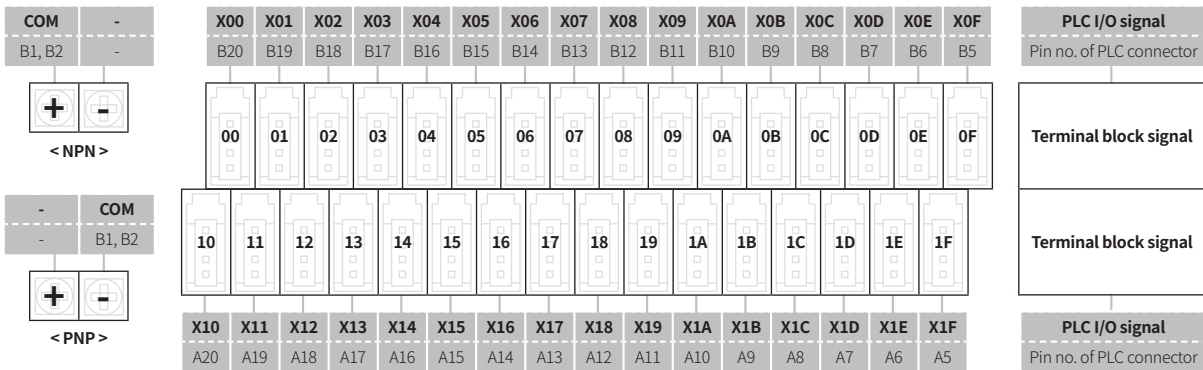
• Cable selection guide

Controller				Terminal block to connect			Proper cable	
Module name	I/O	No. of I/O	Logic	Type	Logic	Model name	Quantity	
QX41, QX42-S1/S2	Input	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T3R	1	
			PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T6R	1	
QH42P, QX41Y41P	Input	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T3R	1	
			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	
			PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T6R	2	
QX82	Input	64	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T3R	2	
			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	

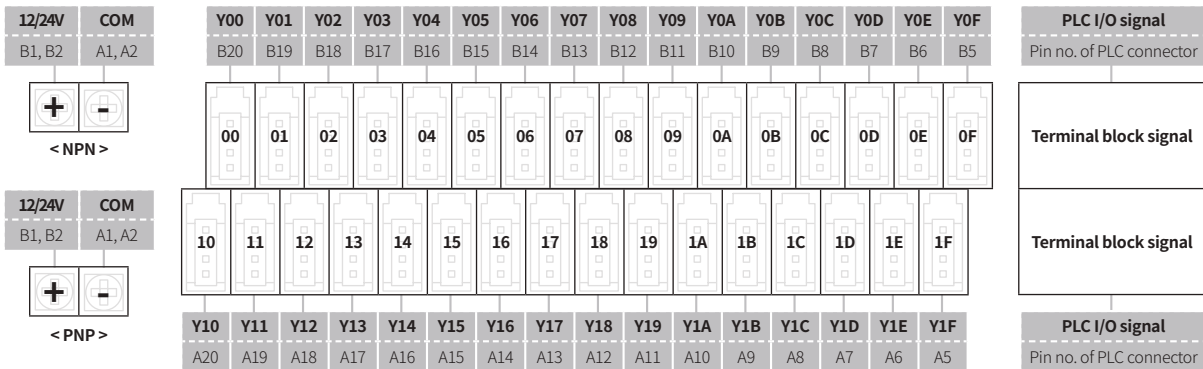
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

• Cable connection diagram

- Sensor connector terminal block input



- Sensor connector terminal block output



■ MITSUBISHI) QnU Series - Sensor connector terminal block

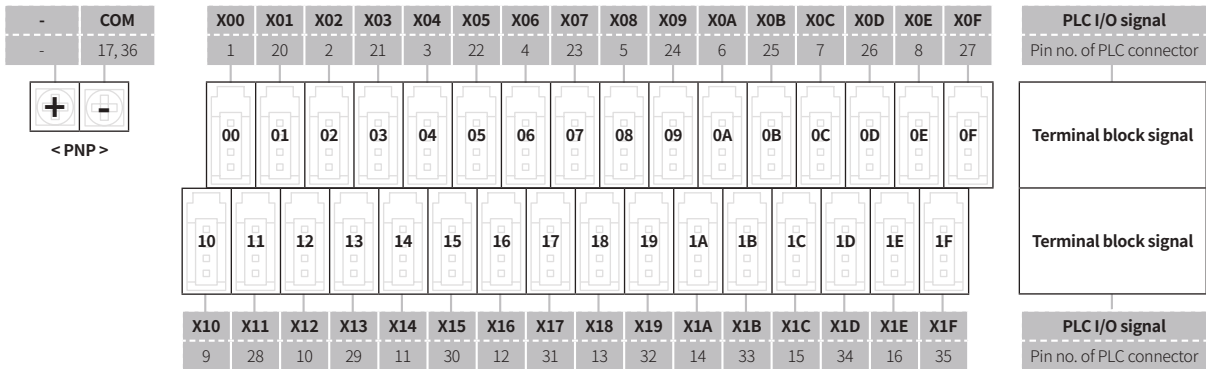
• Cable selection guide

Controller				Terminal block to connect			Proper cable	
Module name	I/O	No. of I/O	Logic	Type	Logic	Model name	Quantity	
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	

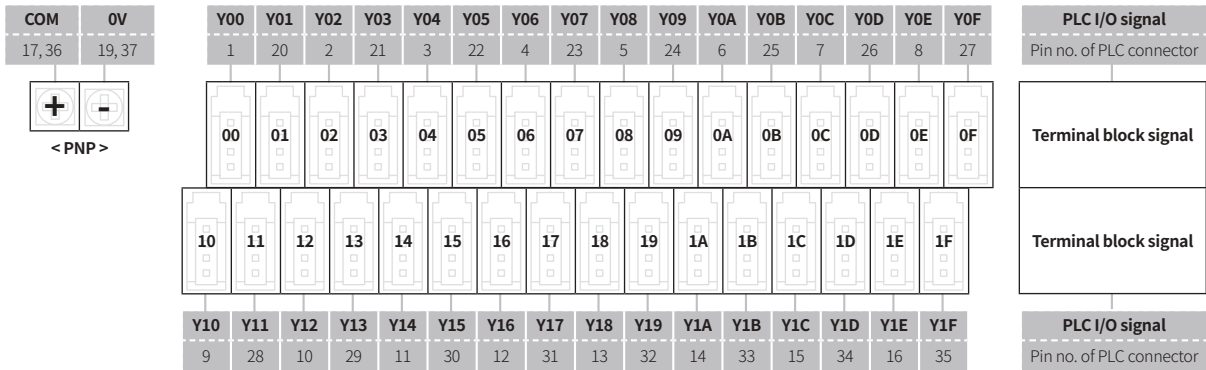
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

• Cable connection diagram

- Sensor connector terminal block input



- Sensor connector terminal block output



■ OMRON CJ/NJ Series - Interface/Relay terminal block

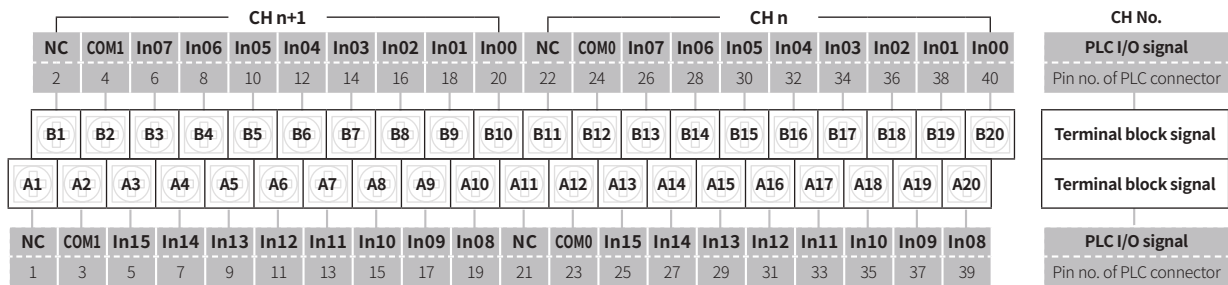
• Cable selection guide

Controller				Terminal block to connect	Proper cable	
Module name	I/O	No. of I/O	Logic		Model name	Quantity
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□-1CM1L	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□-1CM1L	1
CJ1W-OD232	Output	32	PNP	Interface terminal block	CH40-HP□-4L	1
	Output	32	PNP	Relay terminal block	CH40-HP□-1CM4L	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□-1CM4L	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

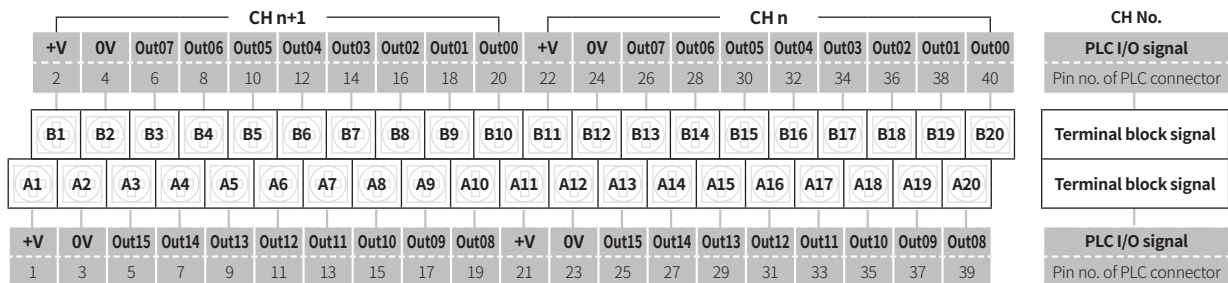
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

• Cable connection diagram

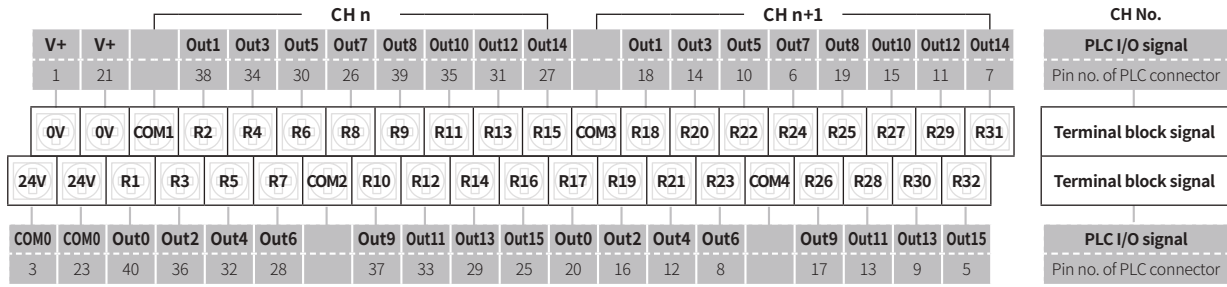
- Interface terminal block input



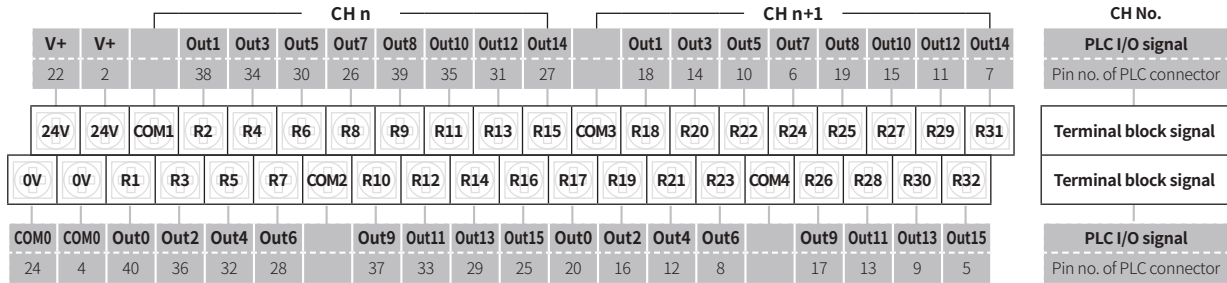
- Interface terminal block output



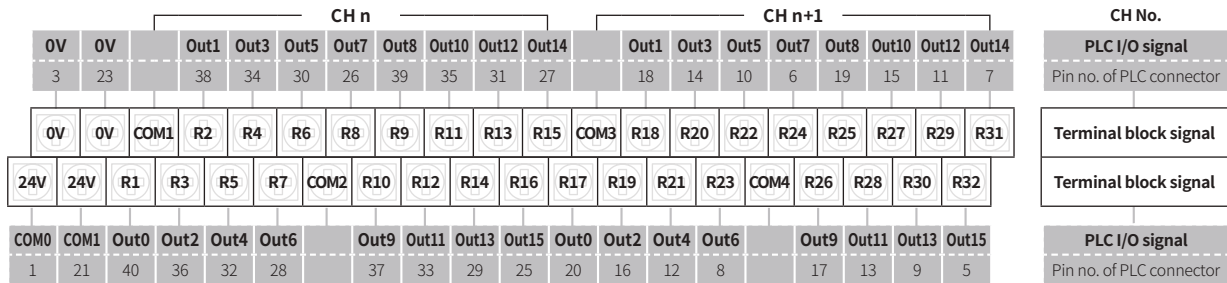
- Relay terminal block output, connector direction 'R' (NPN)



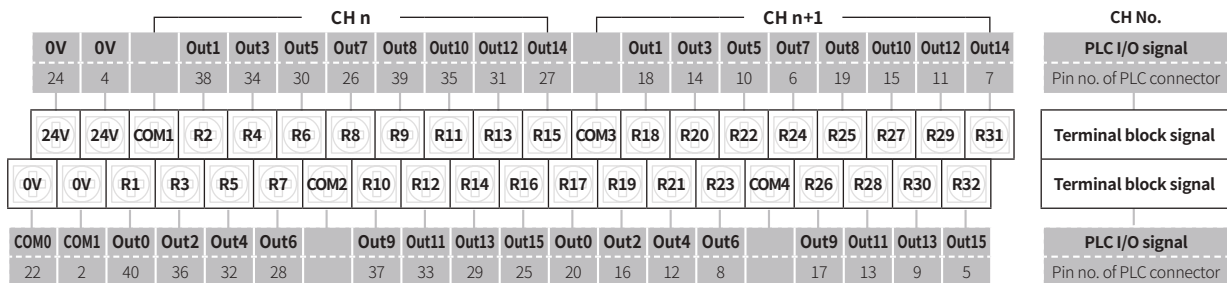
- Relay terminal block output, connector direction 'L' (NPN)



- Relay terminal block output, connector direction 'R' (PNP)



- Relay terminal block output, connector direction 'L' (PNP)



■ OMRON CJ/NJ Series - Interface/Relay terminal block

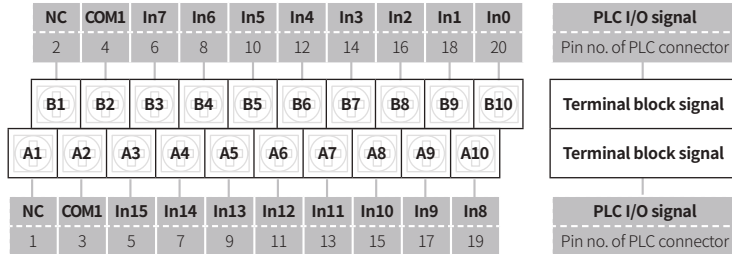
• Cable selection guide

Controller				Terminal block to connect	Proper cable	
Module name	I/O	No. of I/O	Logic		Model name	Quantity
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

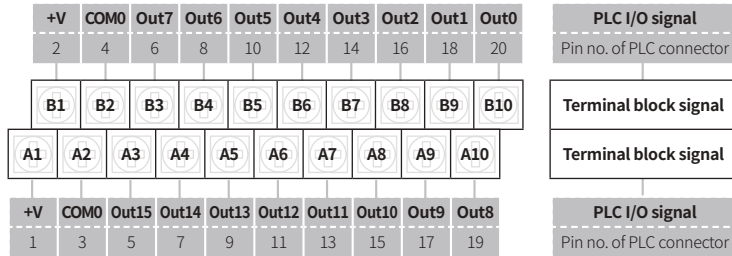
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

• Cable connection diagram

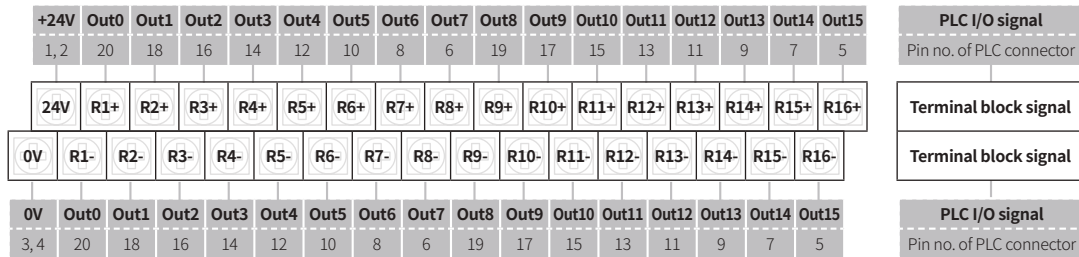
- Interface terminal block input



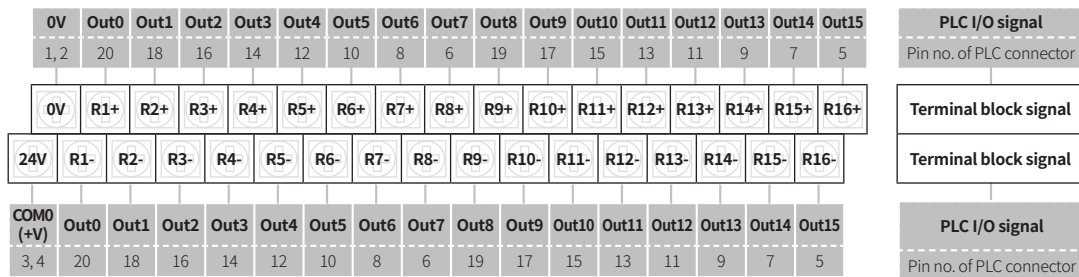
- Interface terminal block output



- Relay terminal block output (NPN)



- Relay terminal block output (PNP)



■ OMRON) CJ/NJ Series - Interface/Relay terminal block

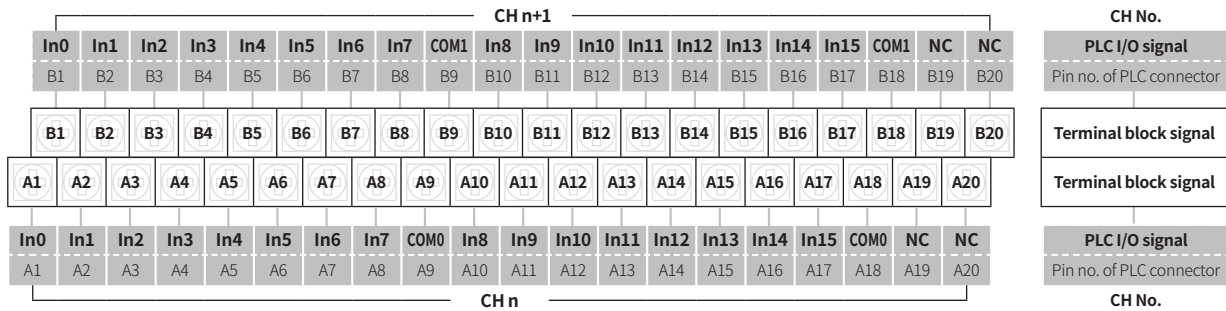
• Cable selection guide

Controller				Terminal block to connect	Proper cable	
Module name	I/O	No. of I/O	Logic		Model name	Quantity
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

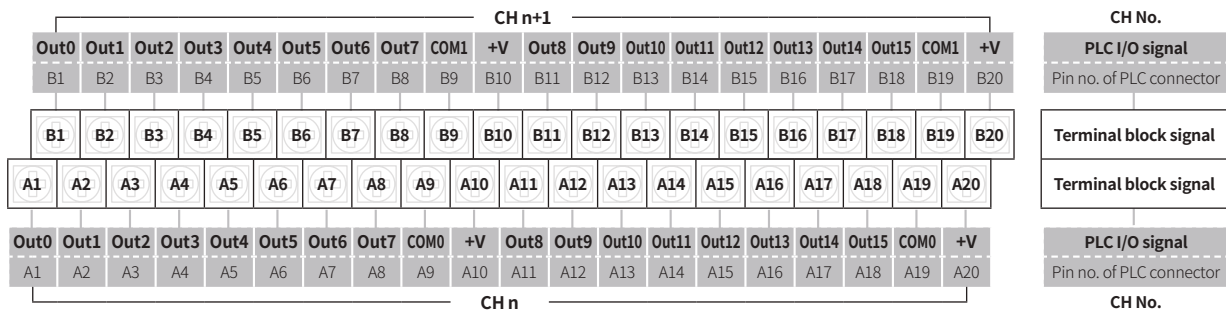
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

• Cable connection diagram

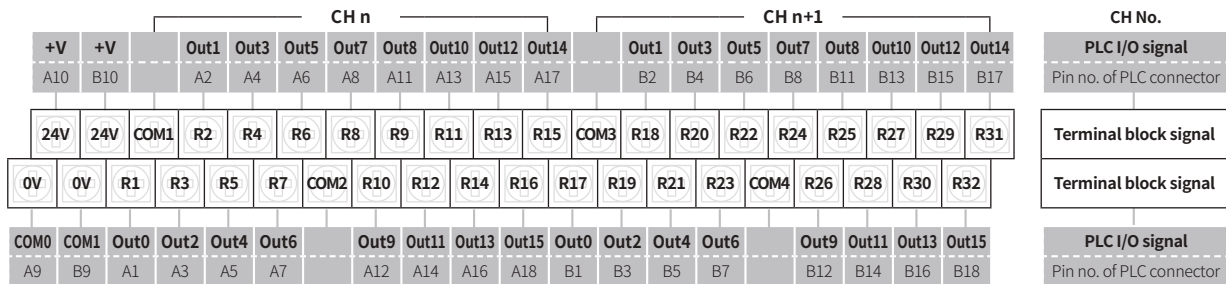
- Interface terminal block input



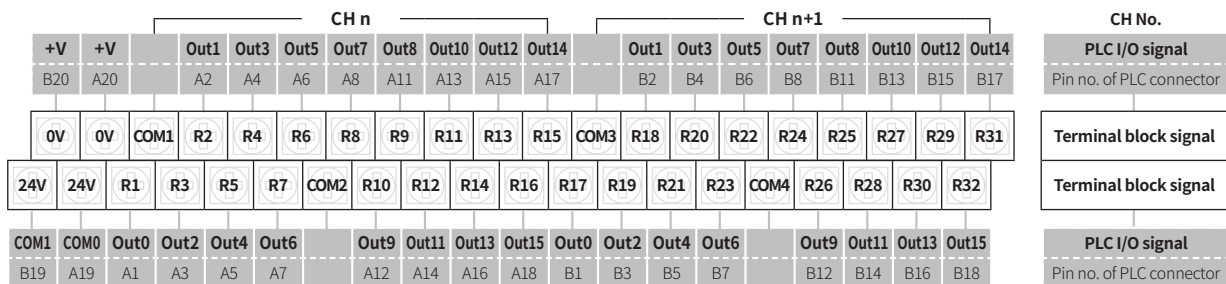
- Interface terminal block output



- Relay terminal block output, connector direction 'R' (NPN)



- Relay terminal block output, connector direction 'L' (NPN)



■ OMRON CJ/NJ Series - Sensor connector terminal block

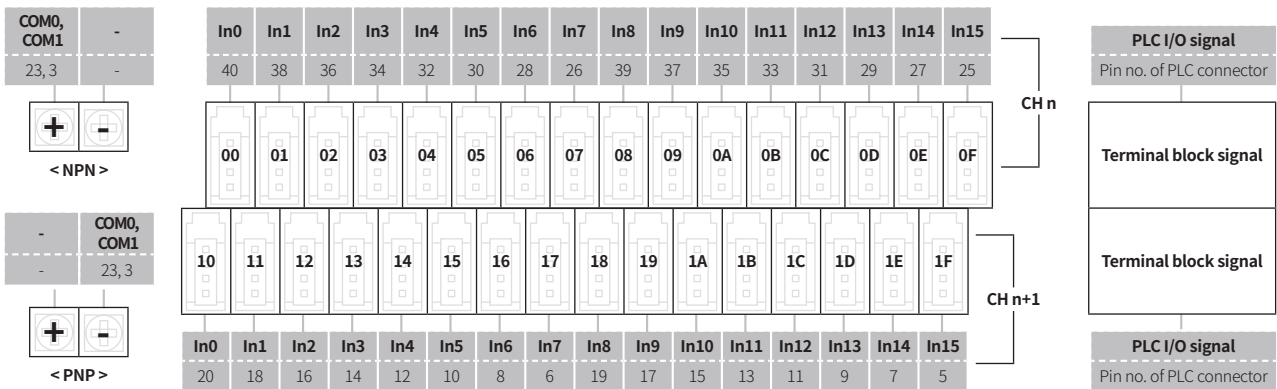
• Cable selection guide

Controller				Terminal block to connect		Proper cable	
Module name	I/O	No. of I/O	Logic	Type	Logic	Model name	Quantity
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

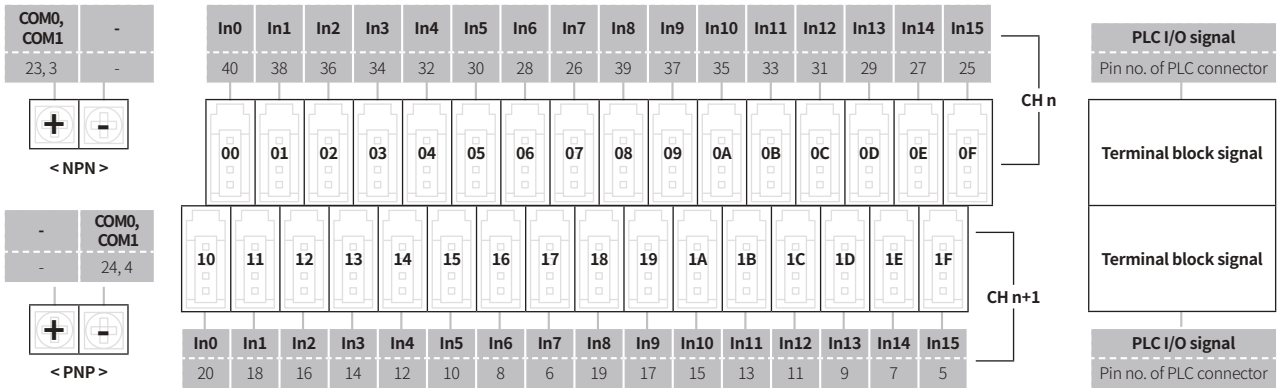
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

• Cable connection diagram

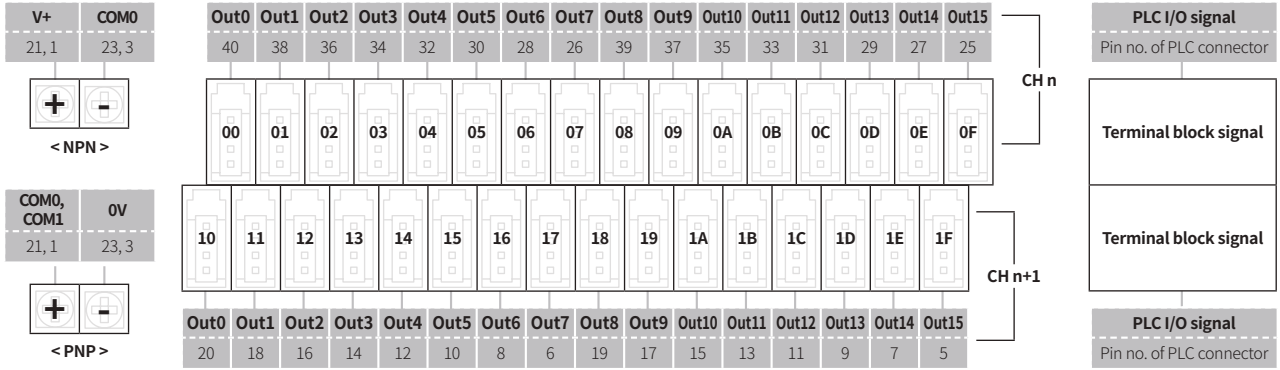
- Sensor connector terminal block input, connector direction 'R'



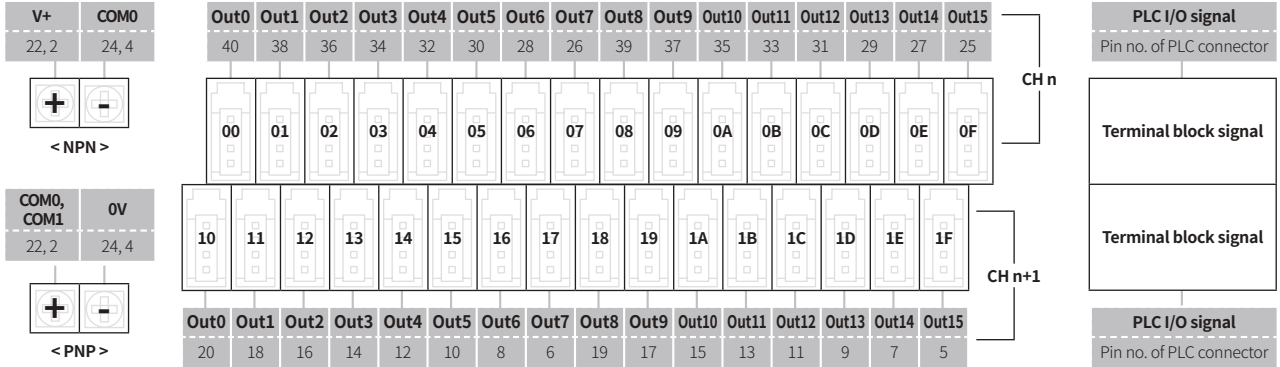
- Sensor connector terminal block input, connector direction 'L'



- Sensor connector terminal block output, connector direction 'R'



- Sensor connector terminal block output, connector direction 'L'



■ OMRON CJ/NJ Series - Sensor connector terminal block

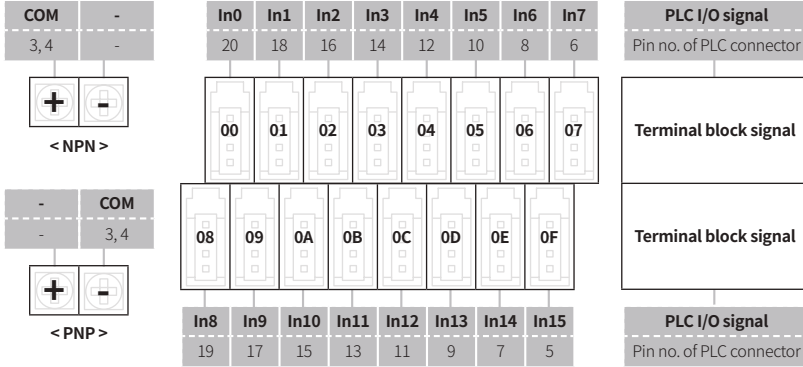
• Cable selection guide

Controller				Terminal block to connect		Proper cable	
Module name	I/O	No. of I/O	Logic	Type	Logic	Model name	Quantity
CJ1W-MD233	Input	16	NPN	Sensor connector terminal block	NPN	CH20-HP□-A4T5L	1
	Output		PNP	Sensor connector terminal block	PNP	CH20-HP□-A4T2L	1
CJ1W-MD232	Input	16	NPN	Sensor connector terminal block	NPN	CH20-HP□-C1T4R	1
	Output		PNP	Sensor connector terminal block	PNP	CH20-HP□-A4T5L	1
CJ1W-MD232	Input	16	NPN	Sensor connector terminal block	NPN	CH20-HP□-A4T5L	1
	Output		PNP	Sensor connector terminal block	PNP	CH20-HP□-A4T2L	1
CJ1W-MD232	Input	16	NPN	Sensor connector terminal block	NPN	CH20-HP□-C1T1R	1
	Output		PNP	Sensor connector terminal block	PNP	CH20-HP□-C1T1R	1

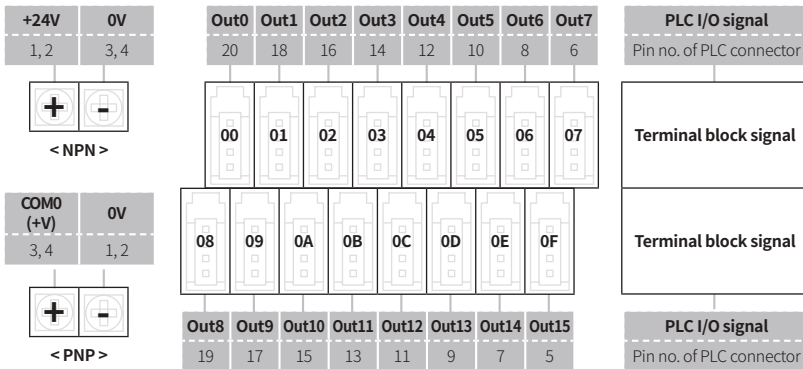
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

• Cable connection diagram

- Sensor connector terminal block input



- Sensor connector terminal block output



■ OMRON) CJ/NJ Series - Sensor connector terminal block

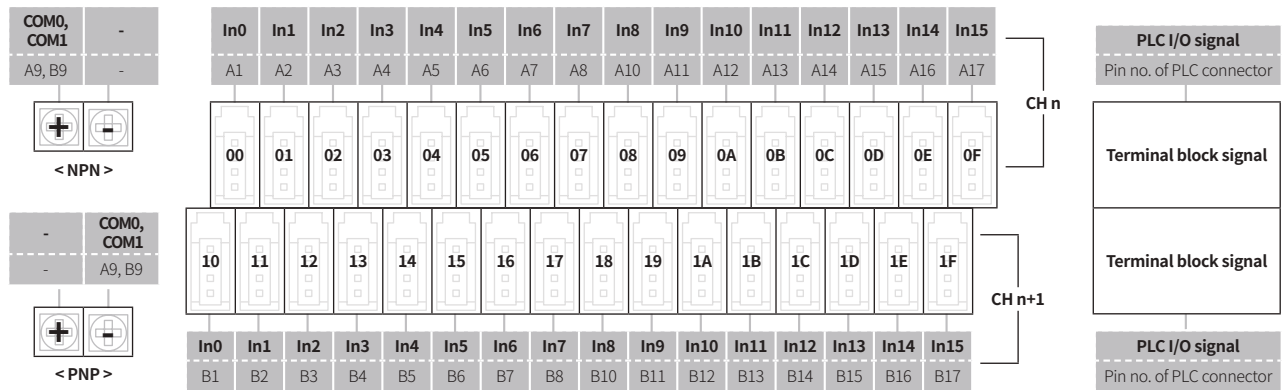
• Cable selection guide

Controller				Terminal block to connect			Proper cable	
Module name	I/O	No. of I/O	Logic	Type	Logic	Model name	Quantity	
CJ1W-ID231	Input	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-X1T3L	1	
			PNP	Sensor connector terminal block	PNP	CH40-FP□-X1T6L	1	
CJ1W-ID261	Input1	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-W4T5R	1	
			PNP	Sensor connector terminal block	PNP	CH40-FP□-W4T2R	1	
	Input2	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-X1T3L	1	
			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□-I4T1R	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	
			PNP	Sensor connector terminal block	PNP	CH40-FP□-X1T6L	1	
	Output	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-I4T1R	1	

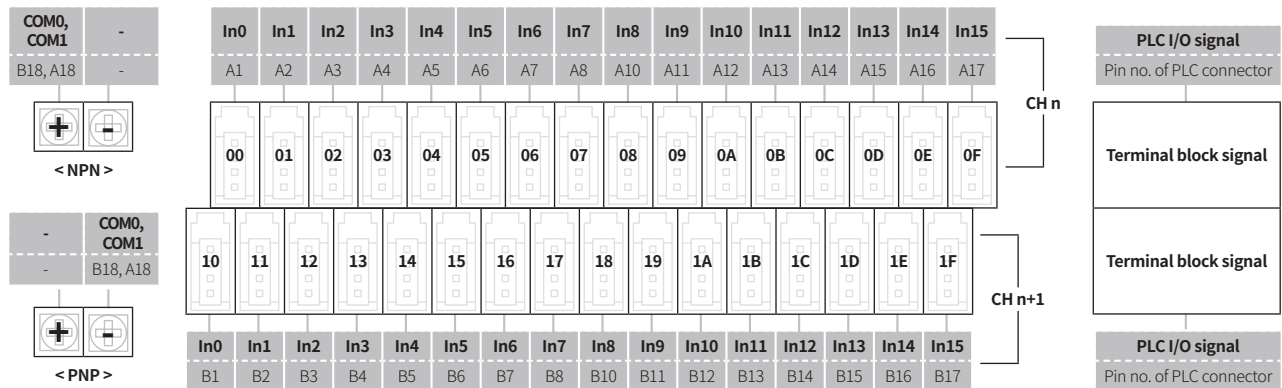
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

• Cable connection diagram

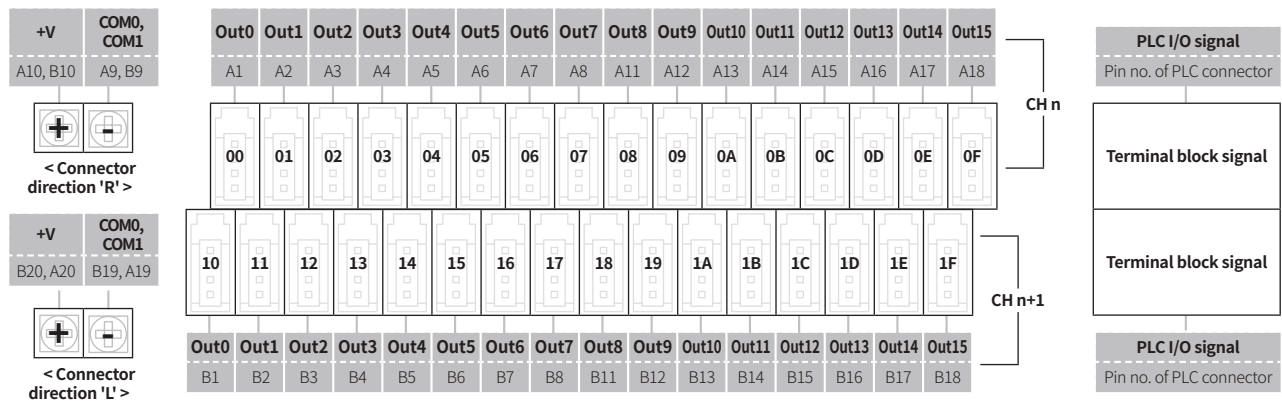
- Sensor connector terminal block input, connector direction 'R'



- Sensor connector terminal block input, connector direction 'L'



- Sensor connector terminal block output (NPN)



■ OMRON) NX Series - Interface/Relay terminal block

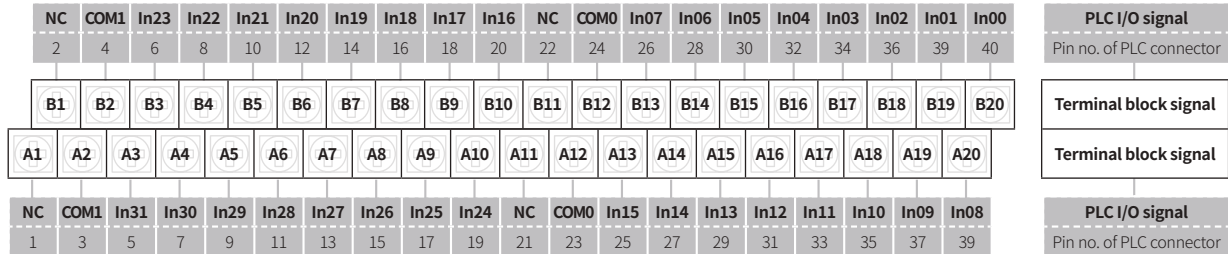
• Cable selection guide

Controller				Terminal block to connect	Proper cable	
Module name	I/O	No. of I/O	Logic		Model name	Quantity
NX-ID6142-5	Input	32	-	Interface terminal block	CH40-HP□-4L	1
NX-OD6121-5	Output	32	NPN	Interface terminal block	CH40-HP□-4L	1
	Output	32	PNP	Relay terminal block	CH40-HP□-ICM1L	1
NX-OD6256-5	Output	32	PNP	Interface terminal block	CH40-HP□-4L	1
	Output	32	PNP	Relay terminal block	CH40-HP□-ICM4L	1

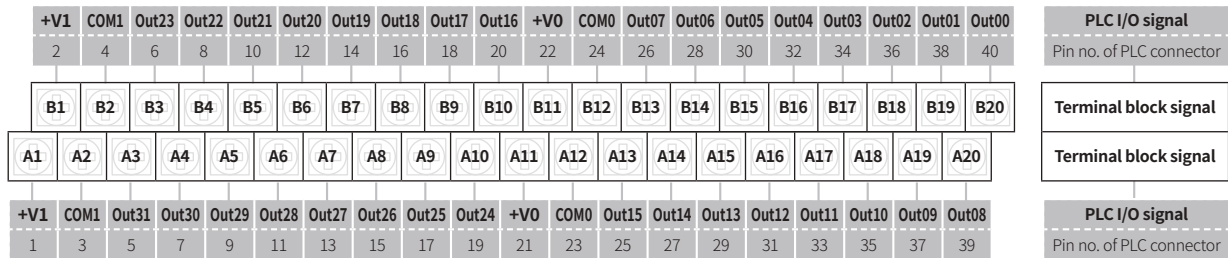
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

• Cable connection diagram

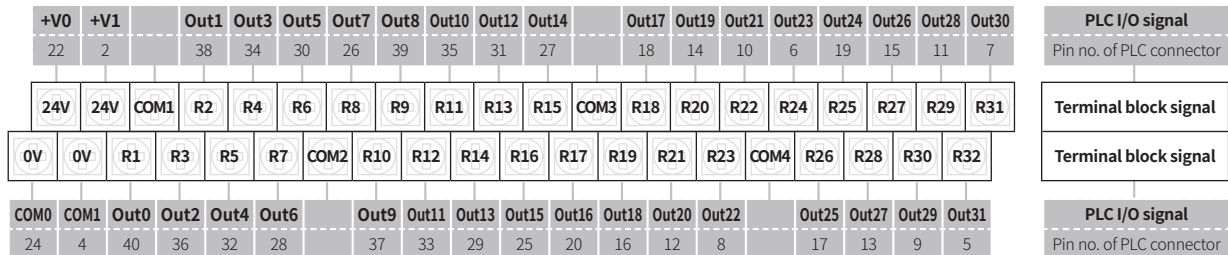
- Interface terminal block input



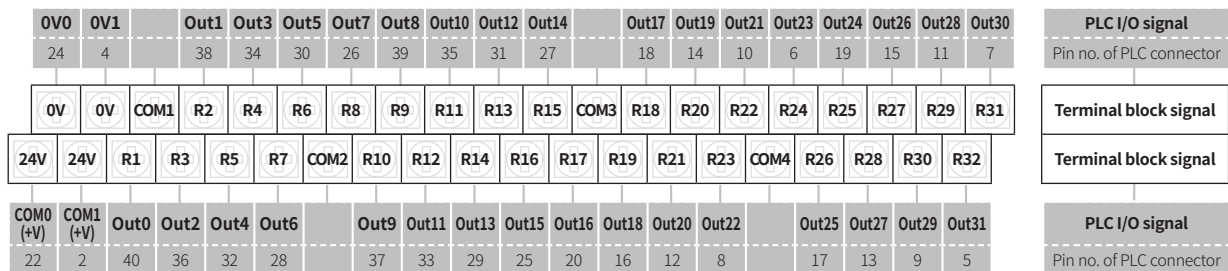
- Interface terminal block output



- Relay terminal block output (NPN)



- Relay terminal block output (PNP)



■ OMRON) NX Series - Interface/Relay terminal block

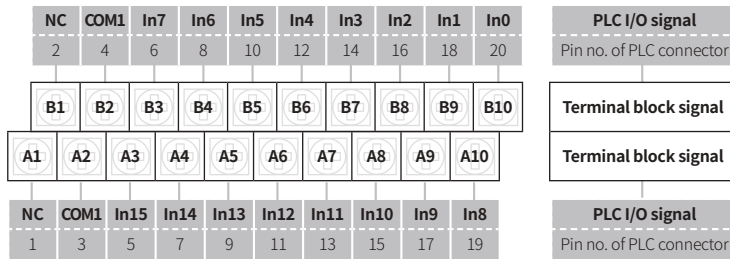
• Cable selection guide

Controller				Terminal block to connect	Proper cable	
Module name	I/O	No. of I/O	Logic		Model name	Quantity
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
NX-MD6256-5	Output	16	NPN	Relay terminal block	CH20-HP□-C1T4R	1
	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

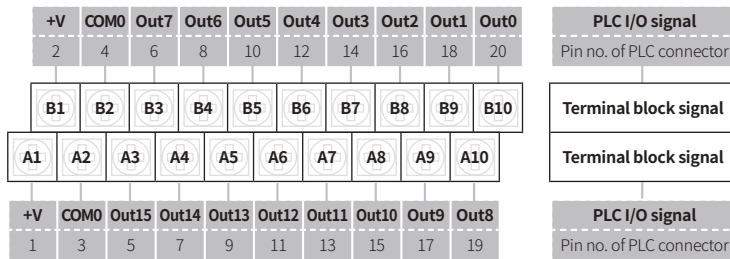
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

• Cable connection diagram

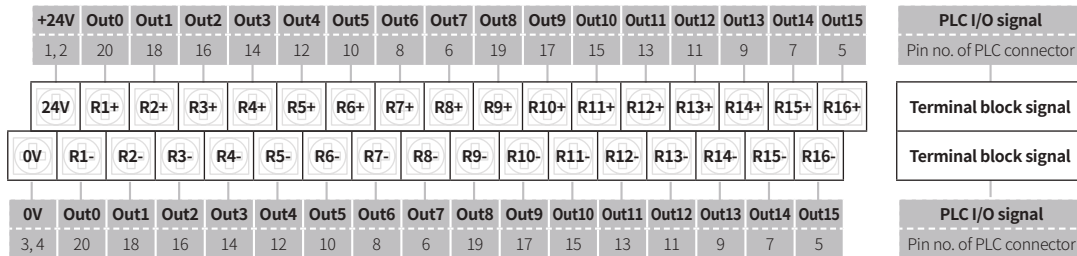
- Interface terminal block input



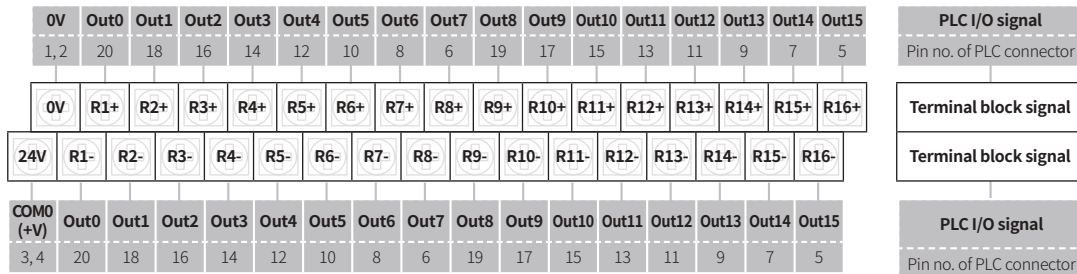
- Interface terminal block output



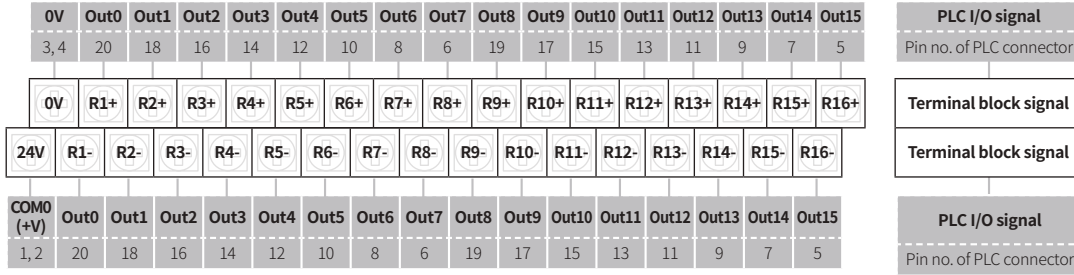
- Relay terminal block output (NPN)



- Relay terminal block output, connector direction 'R' (PNP)



- Relay terminal block output, connector direction 'L' (PNP)



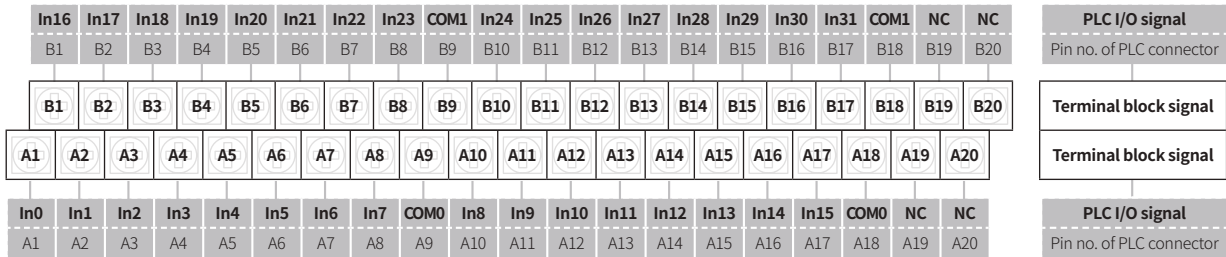
• Cable selection guide

Controller				Terminal block to connect	Proper cable	
Module name	I/O	No. of I/O	Logic		Model name	Quantity
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

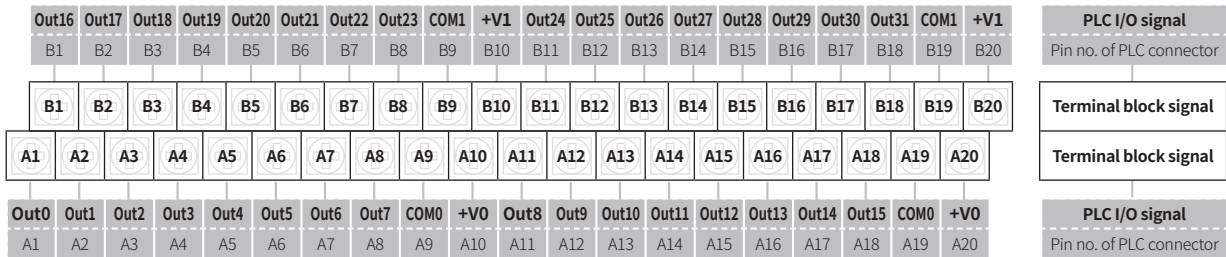
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

• Cable connection diagram

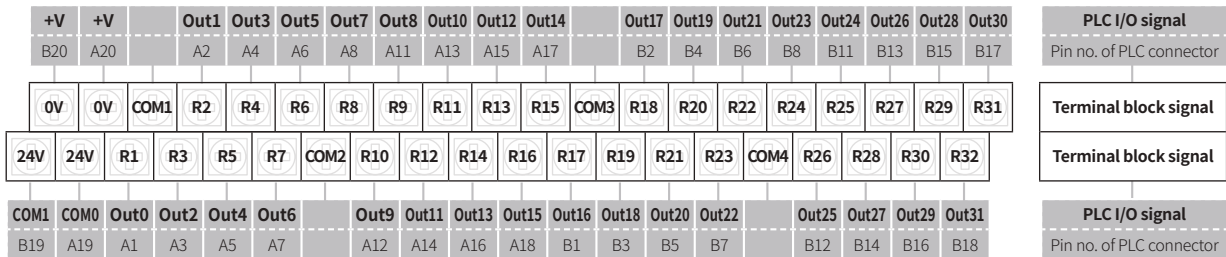
- Interface terminal block input



- Interface terminal block output



- Relay terminal block output (NPN)



■ OMRON) NX Series - Sensor connector terminal block

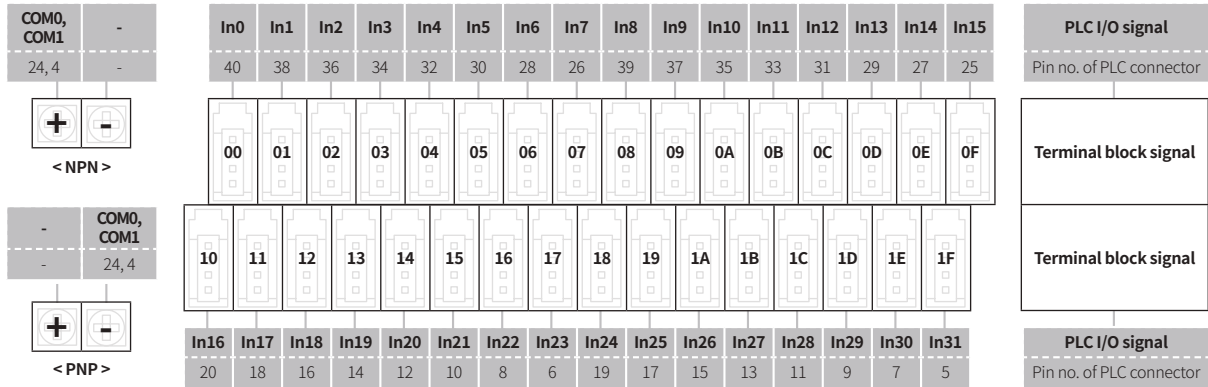
• Cable selection guide

Controller				Terminal block to connect			Proper cable	
Module name	I/O	No. of I/O	Logic	Type	Logic	Model name	Quantity	
NX-ID6142-5	Input	32	NPN	Sensor connector terminal block	NPN	CH40-HP□-ICM5L	1	
			PNP	Sensor connector terminal block	PNP	CH40-HP□-ICM2L	1	
NX-OD6121-5	Output	32	NPN	Sensor connector terminal block	NPN	CH40-HP□-ICM1L	1	
NX-OD6256-5	Output	32	PNP	Sensor connector terminal block	PNP	CH40-HP□-ICM1L	1	

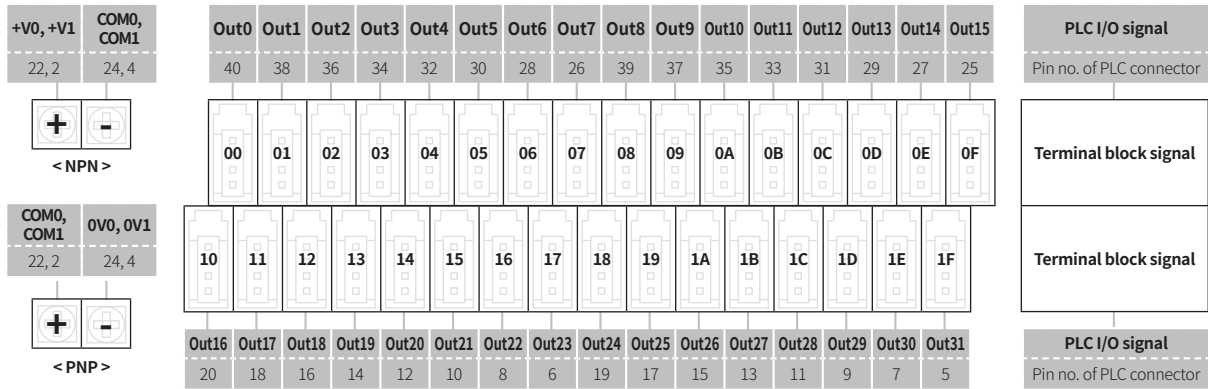
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

• Cable connection diagram

- Sensor connector terminal block input



- Sensor connector terminal block output



■ OMRON NX Series - Sensor connector terminal block

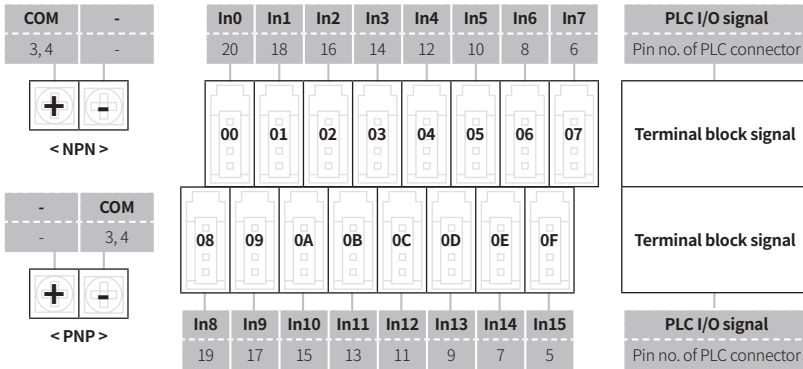
• Cable selection guide

Controller				Terminal block to connect		Proper cable	
Module name	I/O	No. of I/O	Logic	Type	Logic	Model name	Quantity
NX-ID5142-5	Input	16	NPN	Sensor connector terminal block	NPN	CH20-HP□-A4T5L	1
			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
NX-OD5256-5	Output	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
			PNP	Sensor connector terminal block	PNP	CH20-HP□-A4T2L	1
NX-MD6256-5	Output	16	NPN	Sensor connector terminal block	NPN	CH20-HP□-C1T4R	1
			PNP	Sensor connector terminal block	PNP	CH20-HP□-C1T4R	1

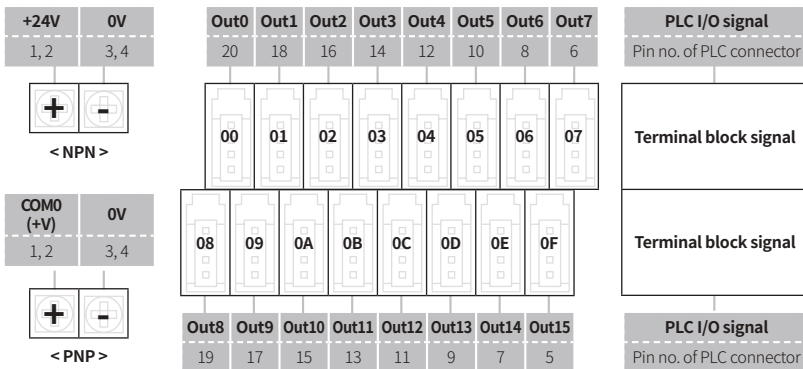
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

• Cable connection diagram

- Sensor connector terminal block input



- Sensor connector terminal block output



■ RS Automation) X8 Series - Interface/Relay terminal block

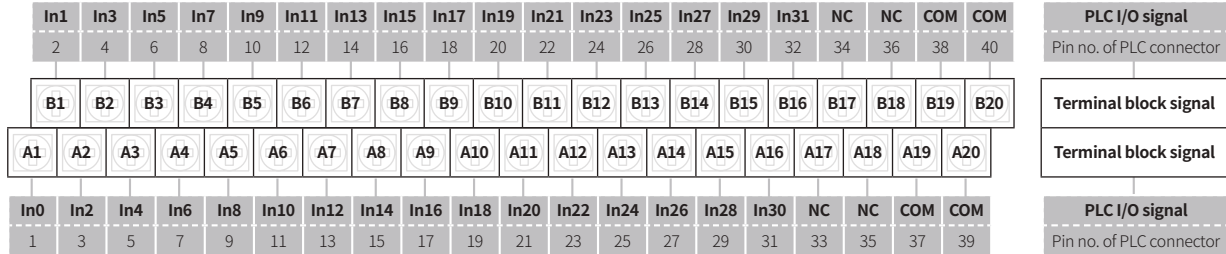
• Cable selection guide

Controller				Terminal block to connect	Proper cable	
Module name	I/O	No. of I/O	Logic		Model name	Quantity
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

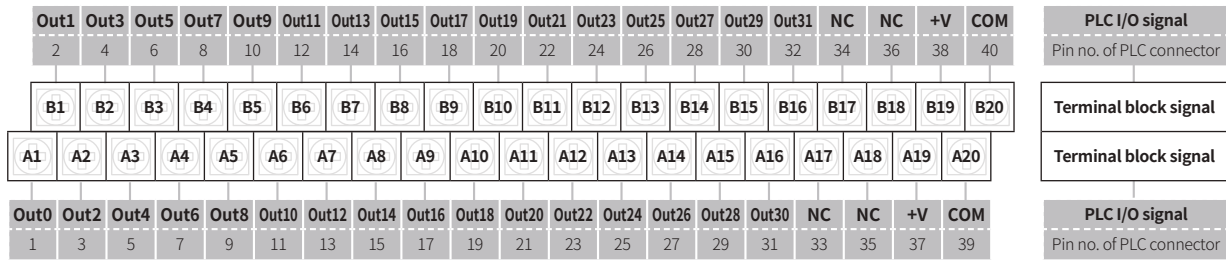
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

• Cable connection diagram

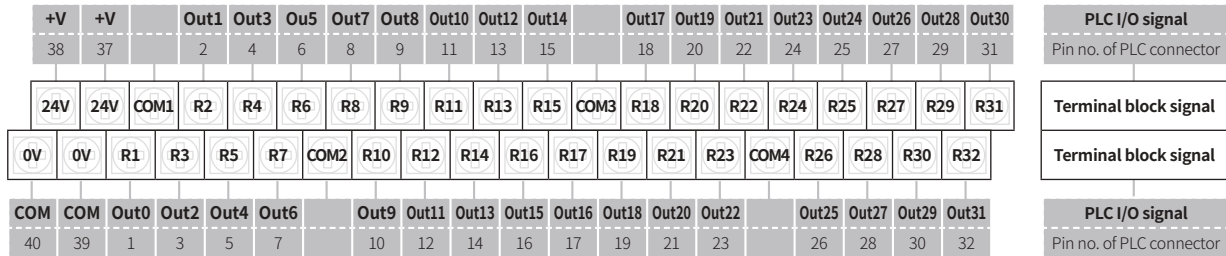
- Interface terminal block input



- Interface terminal block output



- Relay terminal block output (NPN)



■ RS Automation) X8 Series - Sensor connector terminal block

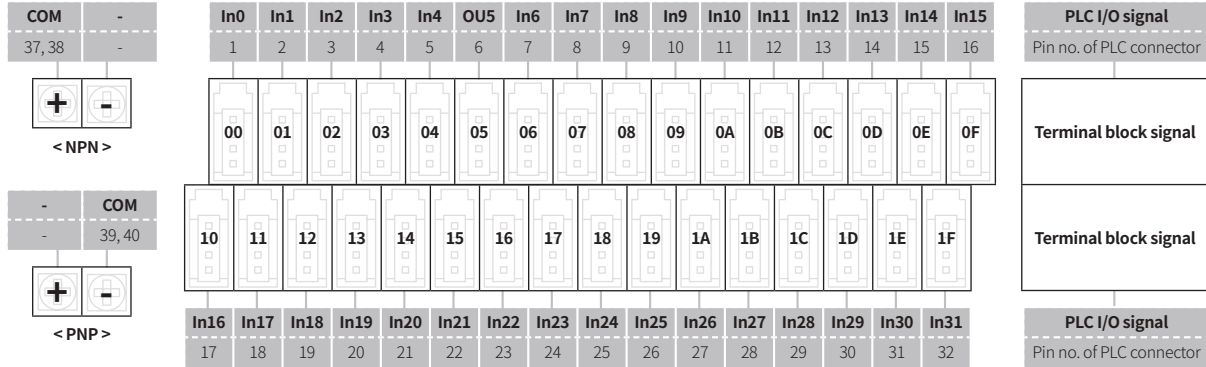
• Cable selection guide

Controller				Terminal block to connect			Proper cable	
Module name	I/O	No. of I/O	Logic	Type	Logic	Model name	Quantity	
X8-XU32, X8-XU32SA	Input	32	NPN	Sensor connector terminal block	NPN	CH40-HP□-F5T3L	1	
			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	

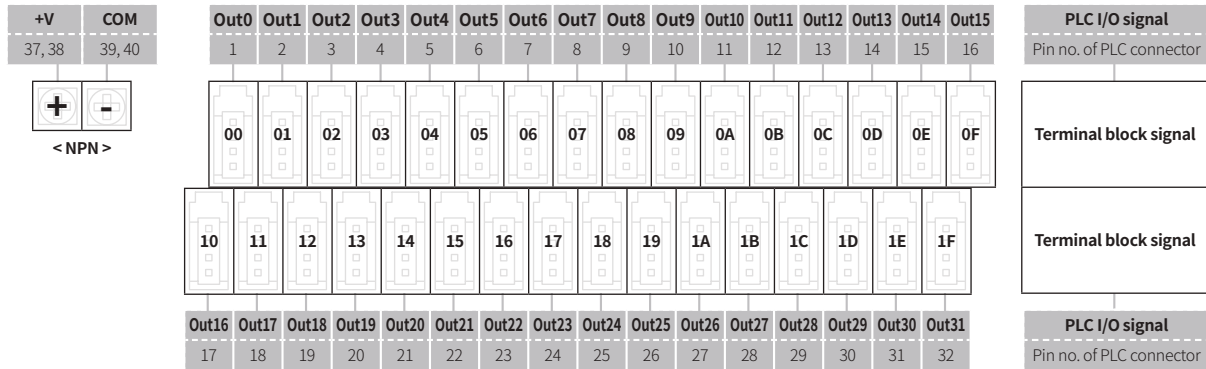
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

• Cable connection diagram

- Sensor connector terminal block input



- Sensor connector terminal block output



■ YOKOGAWA) FA-M3V Series - Interface/Relay terminal block

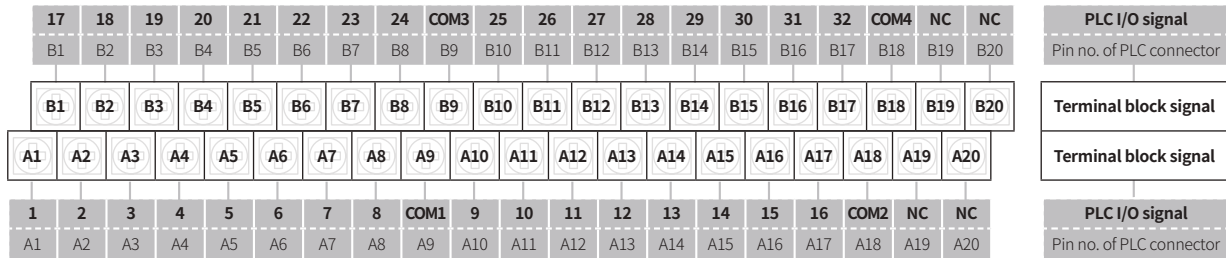
• Cable selection guide

Controller				Terminal block to connect	Proper cable	
Module name	I/O	No. of I/O	Logic		Model name	Quantity
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□-I4M1R	1
F3YD64-1P	Output	64	NPN	Interface terminal block	CH40-FP□-1R	2
	Output	64	NPN	Relay terminal block	CH40-FP□-I4M1R	2
F3YD32-1R	Output	32	PNP	Interface terminal block	CH40-FP□-1R	1
	Output	32	PNP	Relay terminal block	CH40-FP□-I4M1R	1
F3YD64-1R	Output	64	PNP	Interface terminal block	CH40-FP□-1R	2
	Output	64	PNP	Relay terminal block	CH40-FP□-I4M1R	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□-I4M1R	1

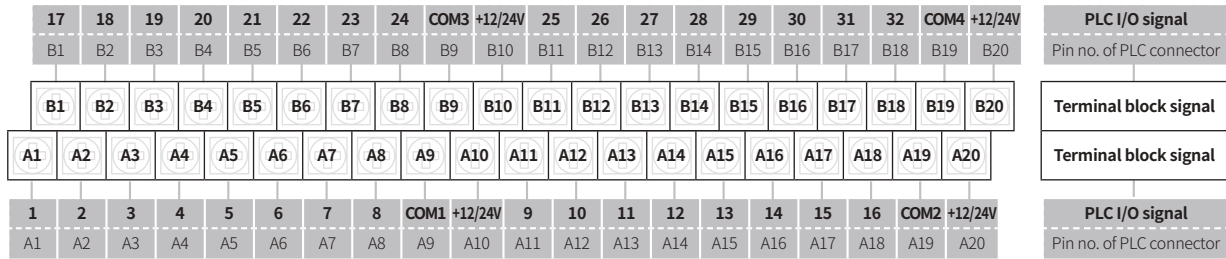
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

• Cable connection diagram

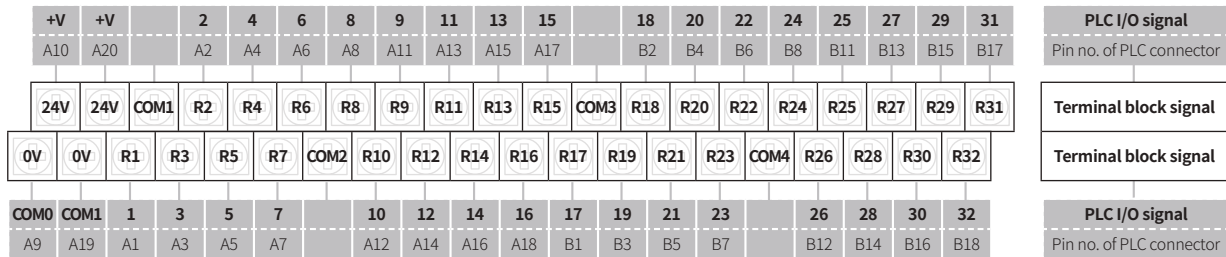
- Interface terminal block input



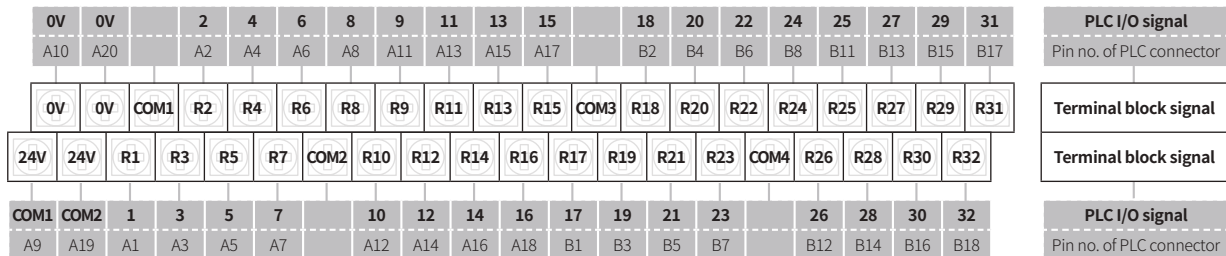
- Interface terminal block output



- Relay terminal block output (NPN)



- Relay terminal block output (PNP)



■ FUJI) MICREX-SX Series - Interface/Relay terminal block

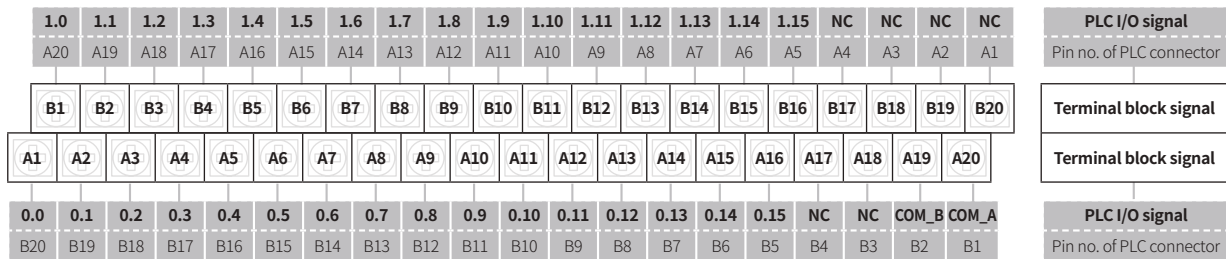
• Cable selection guide

Controller				Terminal block to connect	Proper cable	
Module name	I/O	No. of I/O	Logic		Model name	Quantity
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
	Output	32	NPN	Relay terminal block	CH40-FP□-E1T1R	1
NP1W6406U	Input	32	-	Interface terminal block	CH40-FP□-4R	1
	Output	32	PNP	Interface terminal block	CH40-FP□-4R	1
	Output	32	PNP	Relay terminal block	CH40-FP□-E1T4R	1

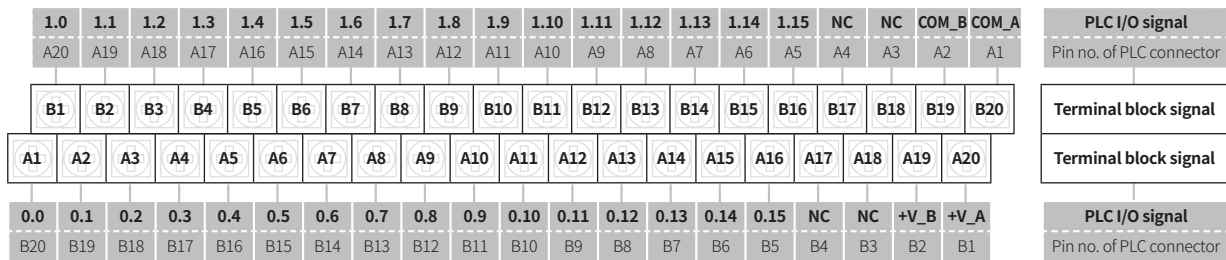
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

• Cable connection diagram

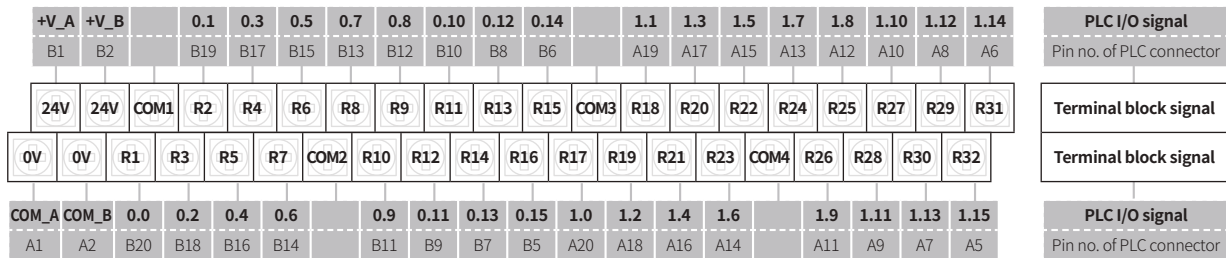
- Interface terminal block input



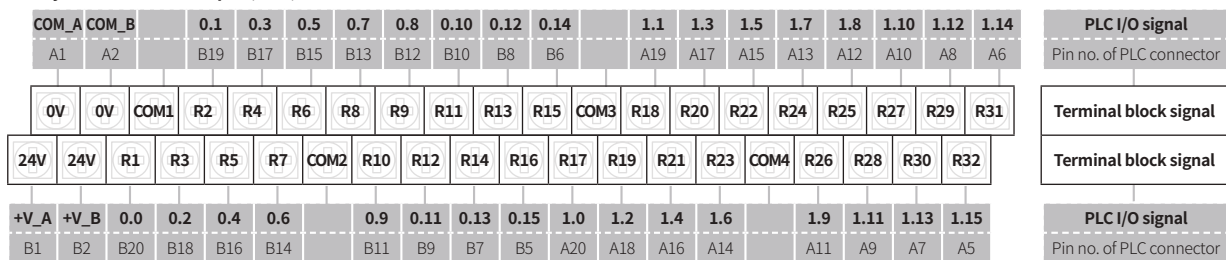
- Interface terminal block output



- Relay terminal block output (NPN)



- Relay terminal block output (PNP)



■ FUJI MICREX-SX Series - Sensor connector terminal block

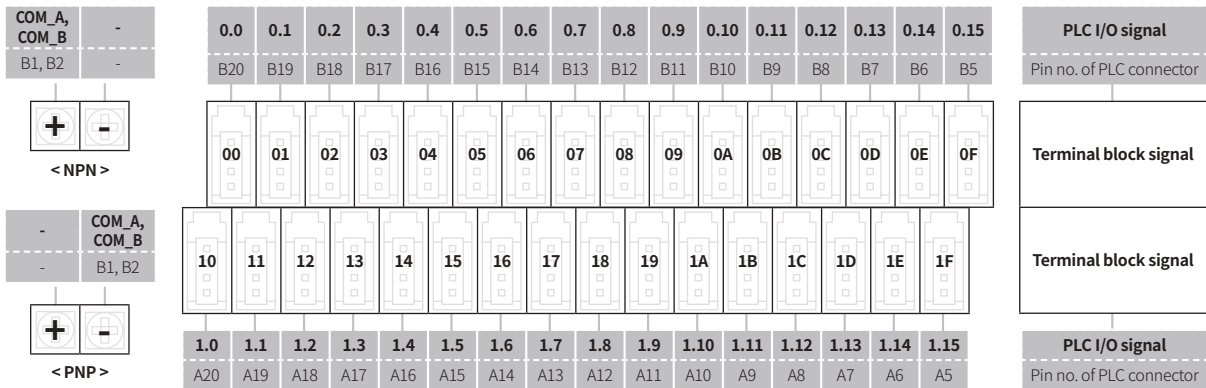
• Cable selection guide

Controller				Terminal block to connect			Proper cable	
Module name	I/O	No. of I/O	Logic	Type	Logic	Model name	Quantity	
NP1X3206-W, NP1X3202-W	Input	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T3R	1	
			PNP	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	
			PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T1R	2	
NP1W6406T	Input	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T3R	1	
			PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T6R	1	
NP1W6406U	Output	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T1R	1	
			NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T3R	1	
			PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T6R	1	
	Output	32	PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T1R	1	

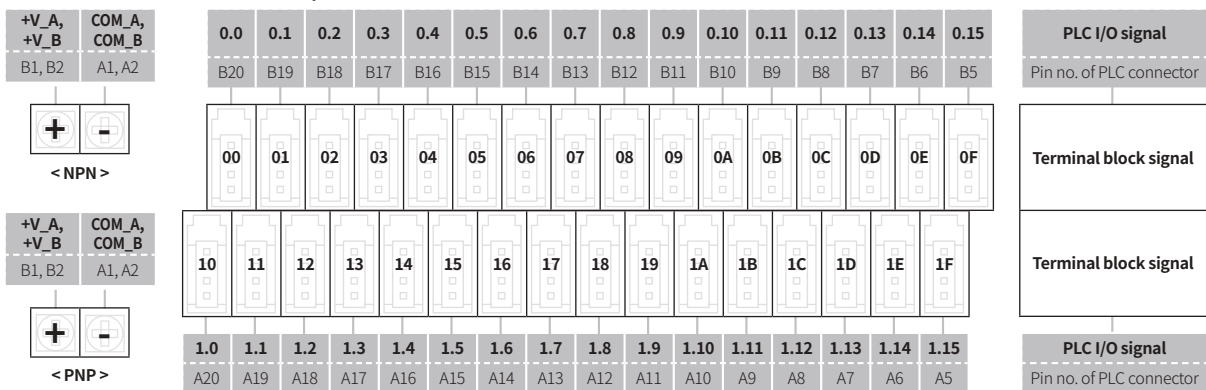
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

• Cable connection diagram

- Sensor connector terminal block input



- Sensor connector terminal block output



■ CIMON) CM1 Series - Interface/Relay terminal block

• Cable selection guide

Controller				Terminal block to connect	Proper cable	
Module name	I/O	No. of I/O	Logic		Model name	Quantity
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

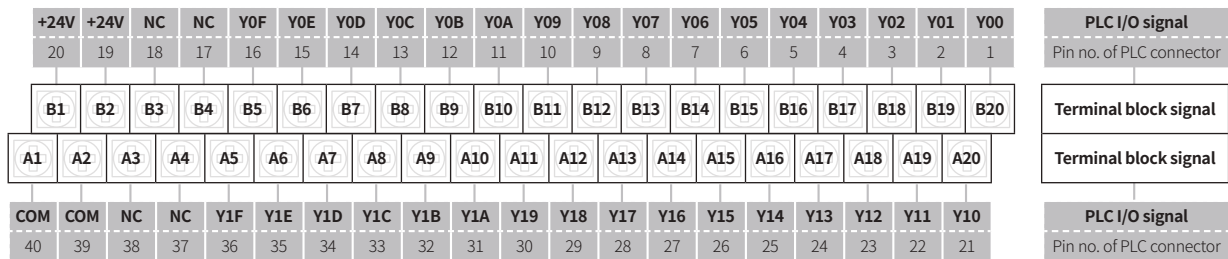
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

• Cable connection diagram

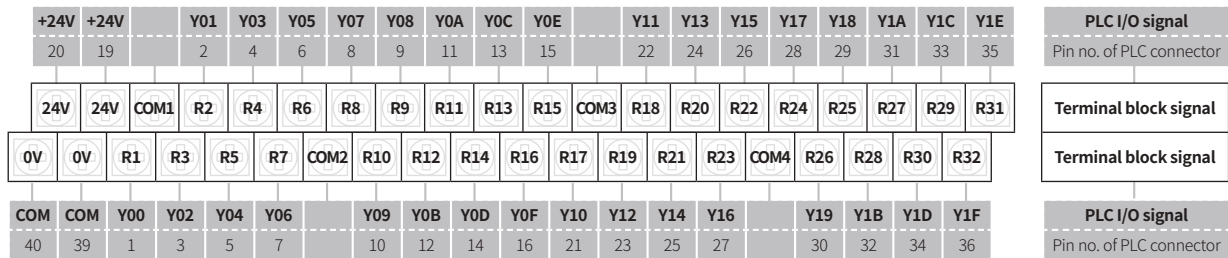
- Interface terminal block input



- Interface terminal block output



- Relay terminal block output (NPN)



■ CIMON) CM1 Series - Sensor connector terminal block

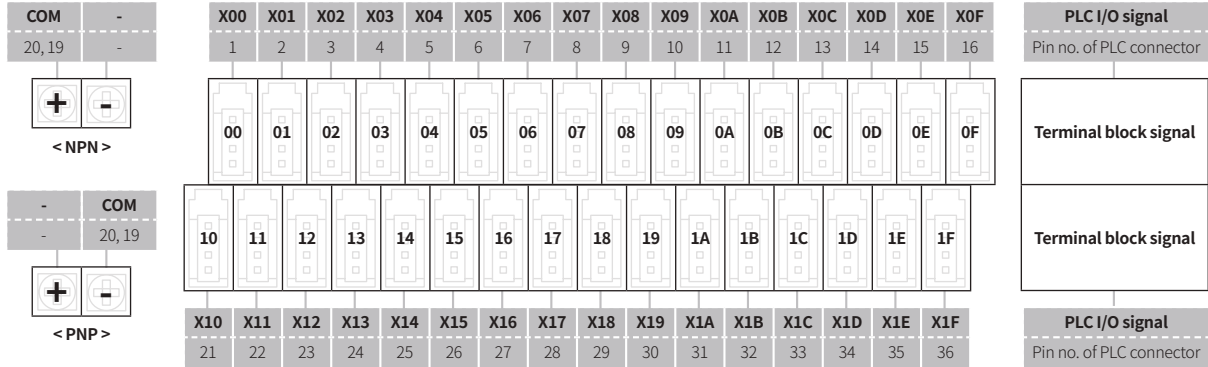
• Cable selection guide

Controller				Terminal block to connect			Proper cable	
Module name	I/O	No. of I/O	Logic	Type	Logic	Model name	Quantity	
XD64E	Input	64	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T3R	2	
			PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T6R	2	
YT64E	Output	64	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T1R	2	

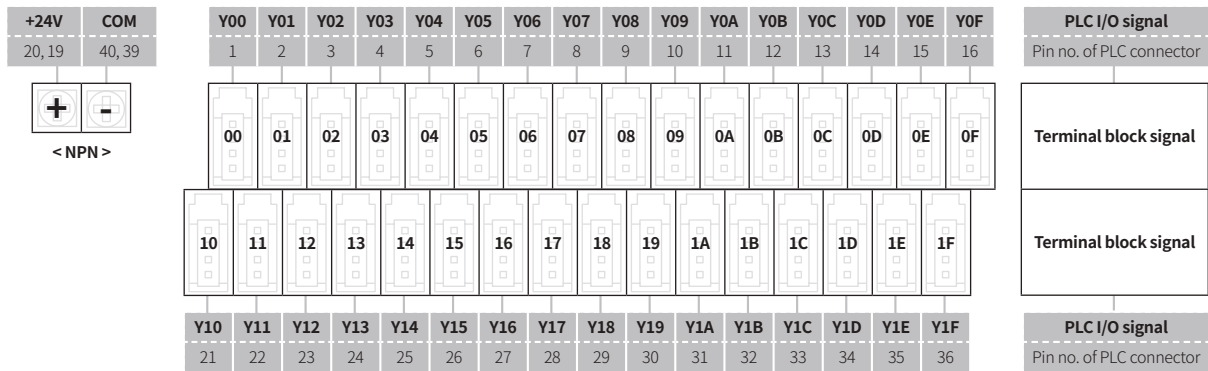
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

• Cable connection diagram

- Sensor connector terminal block input



- Sensor connector terminal block output



Autonics) LP Series - Interface/Relay terminal block

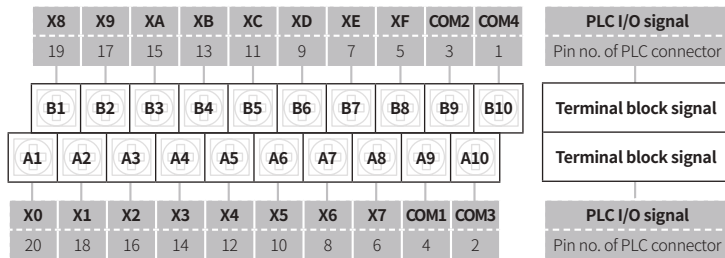
Cable selection guide

Controller				Terminal block to connect	Proper cable	
Module name	I/O	No. of I/O	Logic		Model name	Quantity
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

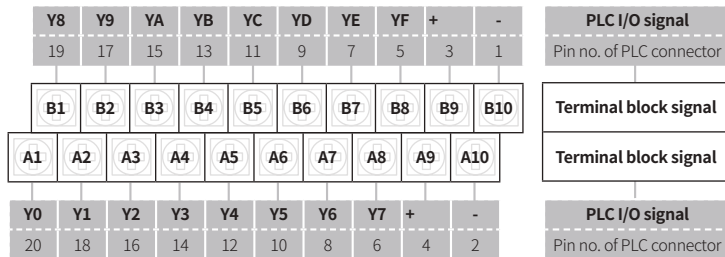
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

Cable connection diagram

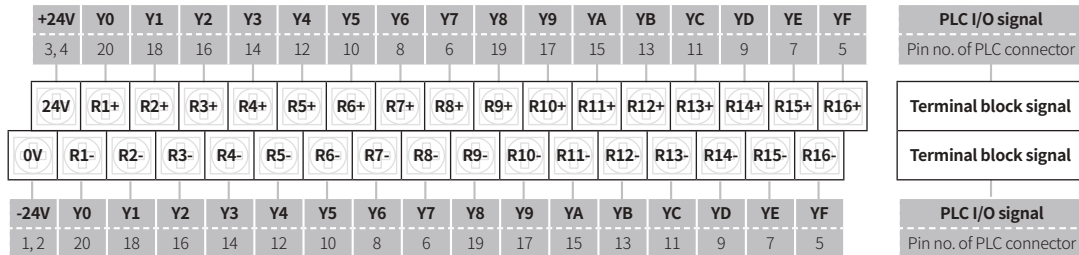
- Interface terminal block input



- Interface terminal block output



- Relay terminal block output (NPN)



Autonics) LP Series - Sensor connector terminal block

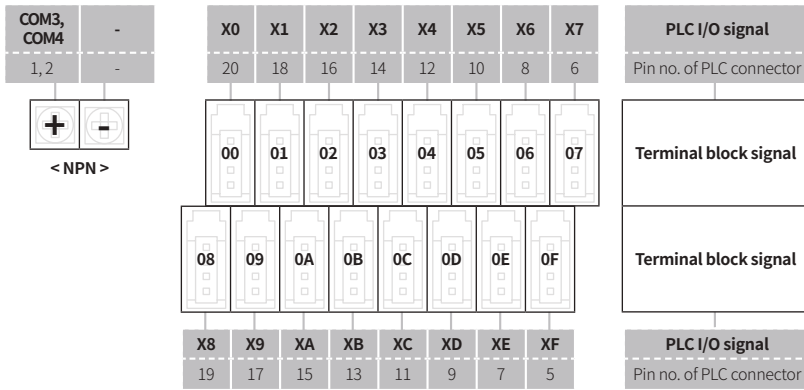
Cable selection guide

Controller				Terminal block to connect		Proper cable	
Module name	I/O	No. of I/O	Logic	Type	Logic	Model name	Quantity
LP-S044-S1D0(1)-C5R	Input	16	NPN	Sensor connector terminal block	NPN	CH20-HP□-C1T5R	1
	Output	16	NPN	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
	Output	16	NPN	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
	Output	16	NPN	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	2
	Output	32	NPN	Sensor connector terminal block	NPN	CH20-HP□-C1T1R	2

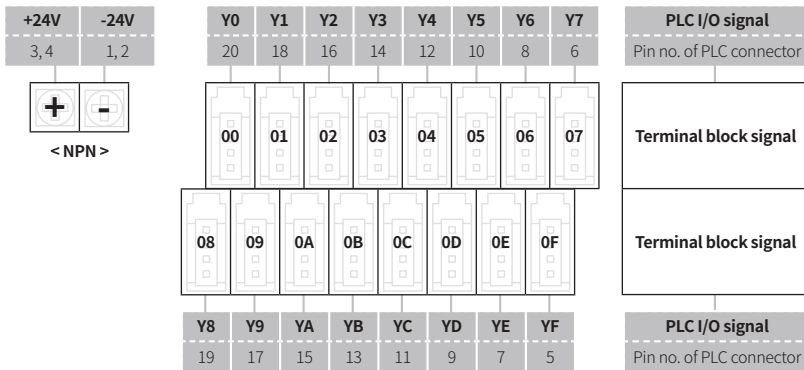
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

Cable connection diagram

- Sensor connector terminal block input



- Sensor connector terminal block output



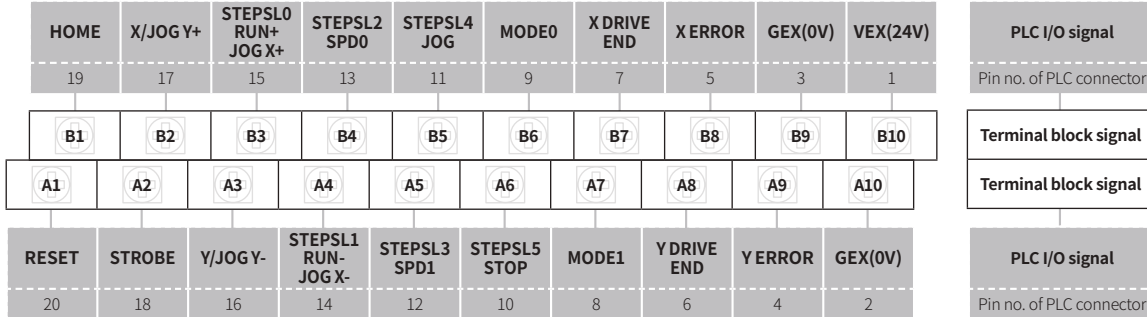
Autonics) PMC Series - Interface terminal block

Cable selection guide

Controller			Terminal block to connect	Proper cable	
Module name	No. of I/O	Logic		Model name	Quantity
PMC-1HS(PI/F side), PMC-2HS(PI/F side)	20	-	Interface terminal block	CH20-HP□-1R	1
PMC-2HSP(PI/F side), PMC-2HSN(PI/F side)	20	-	Interface terminal block	CH20-HP□-1R	1

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

Cable connection diagram



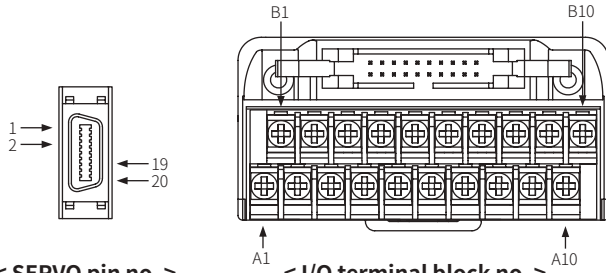
■ SERVO) 20-pin connector - Interface terminal block

• Cable selection guide

Controller			Connector	Terminal block to connect	Proper cable	
Manufacturer	Series	Module name			Model name	Quantity
Autonics	AiS-D	AiS-D-□-□	I/O	Interface terminal block	CH20-MP□-8R	1
	AiC-D-CL	AiC-D-□-□-CL	I/O	Interface terminal block	CH20-MP□-8R	1
	AiC-D-EC	AiC-D-□-□-EC	I/O	Interface terminal block	CH20-MP□-8R	1
	AiSA-D	AiSA-D-□-□	I/O	Interface terminal block	CH20-MP□-8R	1
MITSUBISHI	J4	MR-J4-B(-RJ)	CN3	Interface terminal block	CH20-MP□-8R	1
	J3	MR-J3-B(-□)	CN3	Interface terminal block	CH20-MP□-8R	1
		MR-J3-T	CN20	Interface terminal block	CH20-MP□-8R	1
		MR-J3-D01	CN20	Interface terminal block	CH20-MP□-8R	1

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

• Pin number/terminal block number matching



< SERVO pin no. >

< I/O terminal block no. >

SERVO pin no.		I/O terminal block no.
1	↔	A1
2	↔	B1
3	↔	A2
4	↔	B2
5	↔	A3
6	↔	B3
7	↔	A4
8	↔	B4
9	↔	A5
10	↔	B5
11	↔	A6
12	↔	B6
13	↔	A7
14	↔	B7
15	↔	A8
16	↔	B8
17	↔	A9
18	↔	B9
19	↔	A10
20	↔	B10

When connecting SERVO dedicated cable and Interface terminal block, SERVO connector pin number and terminal block number are matched one by one. For detailed information about control signal of each SERVO connector pin, please refer to the manual from the manufacturer of the SERVO.

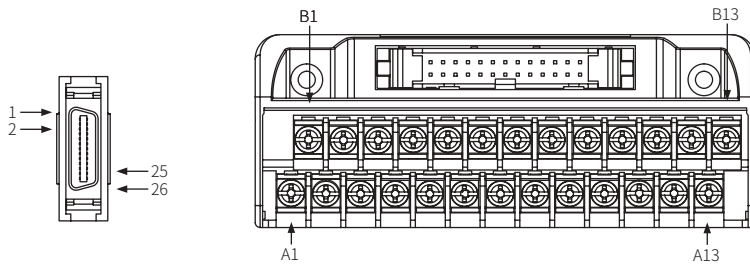
■ SERVO) 26-pin connector - Interface terminal block

• Cable selection guide

Controller			Connector	Terminal block to connect	Proper cable	
Manufacturer	Series	Module name			Model name	Quantity
MITSUBISHI	J4	MR-J4W2-B	CN3	Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1
		MR-J4W2-0303B6	CN3	Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1
		MR-J4W3-B	CN3	Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1
	J3	MR-J3W-B	CN3	Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1
		MR-J3-T	CN6	Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1
YASKAWA	Σ-7	SGD7S-□□□□10A	CN1	Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1
		SGD7S-□□□□20A	CN1	Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1
Panasonic	A6	A6NE	X4	Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1
		A6NF	X4	Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1
		A6BE	X4	Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1
		A6BF	X4	Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1
	A5	MINAS A5 II	X4	Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1

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

• Pin number/terminal block number matching



< SERVO pin no. >

< I/O terminal block no. >

SERVO pin no.	I/O terminal block no.
1	A1
2	B1
3	A2
4	B2
5	A3
6	B3
7	A4
8	B4
9	A5
10	B5
11	A6
12	B6
13	A7
14	B7
15	A8
16	B8
17	A9
18	B9
19	A10
20	B10
21	A11
22	B11
23	A12
24	B12
25	A13
26	B13

When connecting SERVO dedicated cable and Interface terminal block, SERVO connector pin number and terminal block number are matched one by one. For detailed information about control signal of each SERVO connector pin, please refer to the manual from the manufacturer of the SERVO.

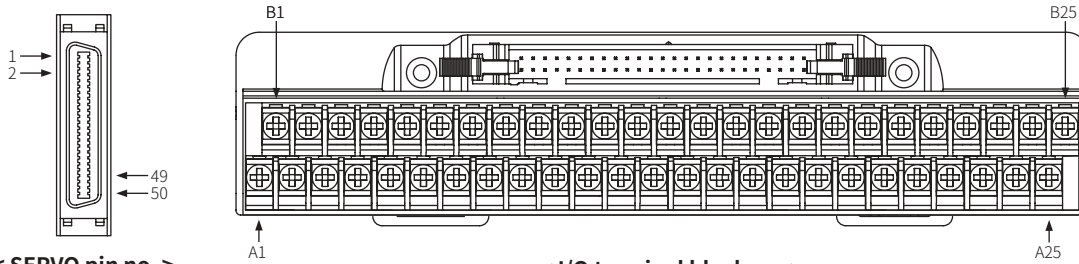
■ SERVO) 50-pin connector - Interface terminal block

• Cable selection guide

Controller			Connector	Terminal block to connect	Proper cable	
Manufacturer	Series	Module name			Model name	Quantity
Autonics	AiC-D	AiC-D-□-□	I/O	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1
	AiCA-D	AiCA-D-□-□	I/O	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1
MITSUBISHI	J4	MR-J4-□A(-RJ)	CN1	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1
		MR-J4-03A6(-RJ)	CN1	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1
	J3	MR-J3-A	CN1	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1
		MR-J3-T	CM10	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1
YASKAWA	Σ-7	SGD7S-□□□□00A	CN1	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1
		SGDV	CN1	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1
	Σ-5	SGDV	CN1	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1
Panasonic	A6	A6SE	X4	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1
		A6SG	X4	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1
		A6SF	X4	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1
	A5	MINAS A5	X4	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1
		MINAS A5 II	X4	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1

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

• Pin number/terminal block number matching



< SERVO pin no. >

< I/O terminal block no. >

SERVO pin no.	I/O terminal block no.	SERVO pin no.	I/O terminal block no.
1	A1	26	B13
2	B1	27	A14
3	A2	28	B14
4	B2	29	A15
5	A3	30	B15
6	B3	31	A16
7	A4	32	B16
8	B4	33	A17
9	A5	34	B17
10	B5	35	A18
11	A6	36	B18
12	B6	37	A19
13	A7	38	B19
14	B7	39	A20
15	A8	40	B20
16	B8	41	A21
17	A9	42	B21
18	B9	43	A22
19	A10	44	B22
20	B10	45	A23
21	A11	46	B23
22	B11	47	A24
23	A12	48	B24
24	B12	49	A25
25	A13	50	B25

When connecting SERVO dedicated cable and Interface terminal block, SERVO connector pin number and terminal block number are matched one by one. For detailed information about control signal of each SERVO connector pin, please refer to the manual from the manufacturer of the SERVO.