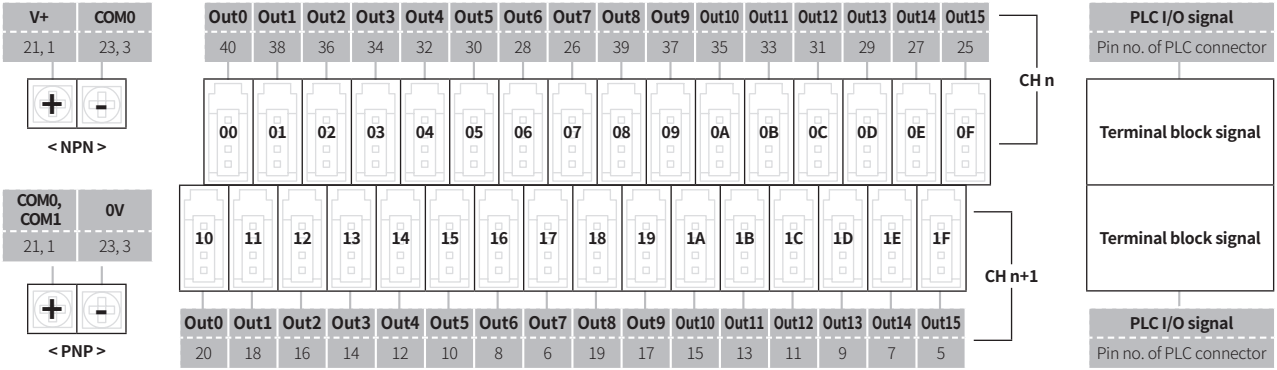
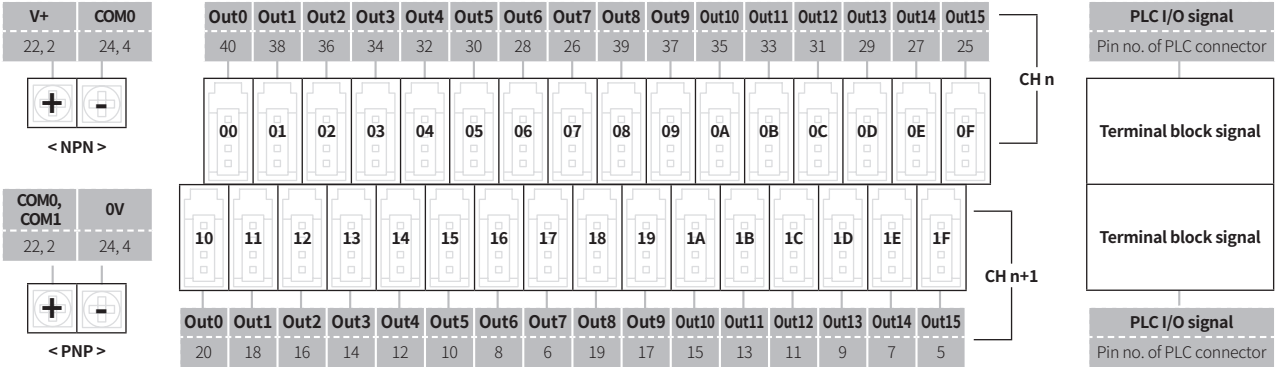


- Sensor connector terminal block output, connector direction 'R'



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



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

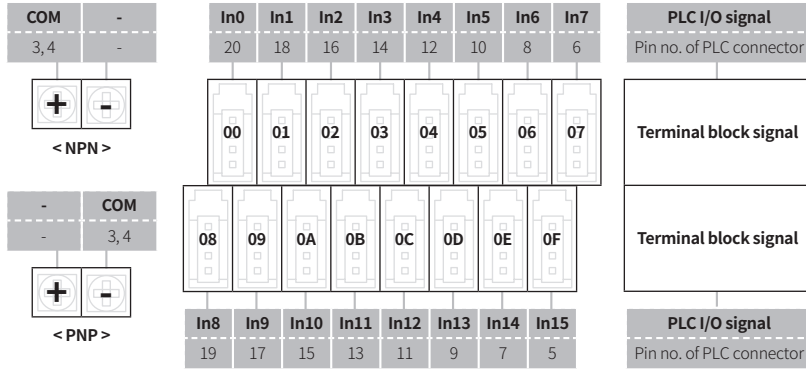
### • Cable selection guide

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□-A4T5L	1
	Output		PNP	Sensor connector terminal block	PNP	CH20-HP□-C1T1R	1

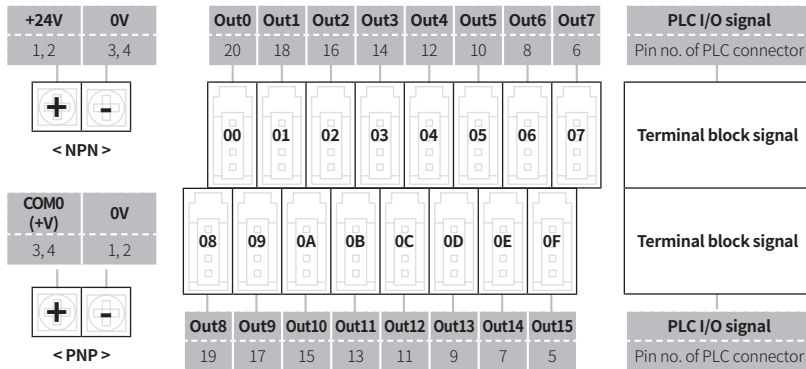
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

### • Cable connection diagram

#### - Sensor connector terminal block input



#### - Sensor connector terminal block output



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

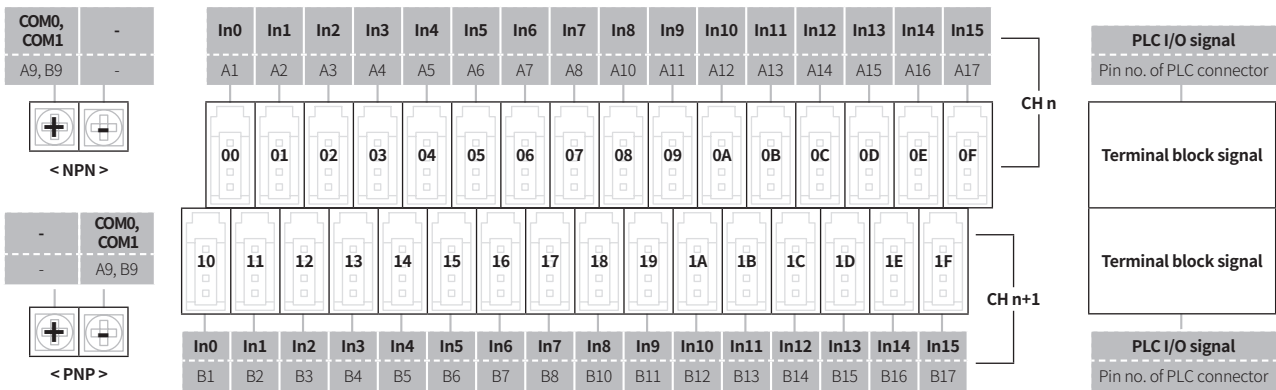
### • Cable selection guide

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	

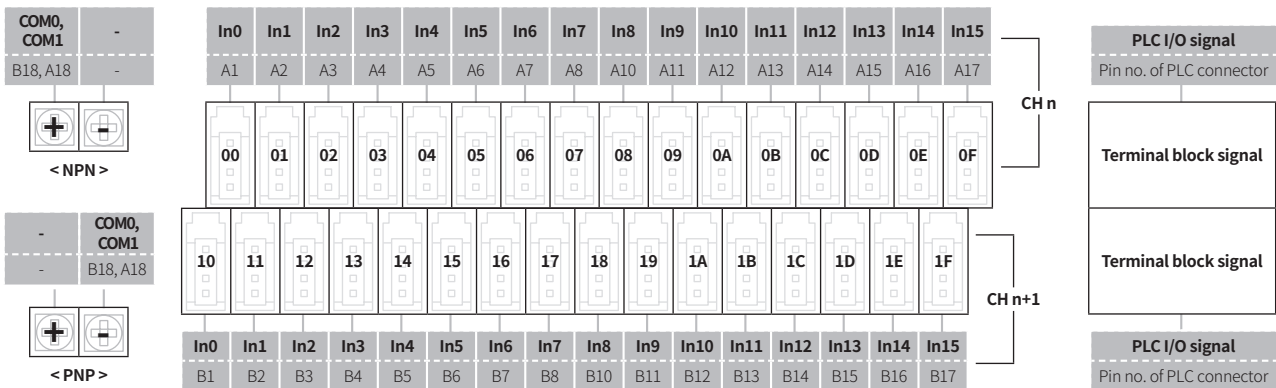
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

### • Cable connection diagram

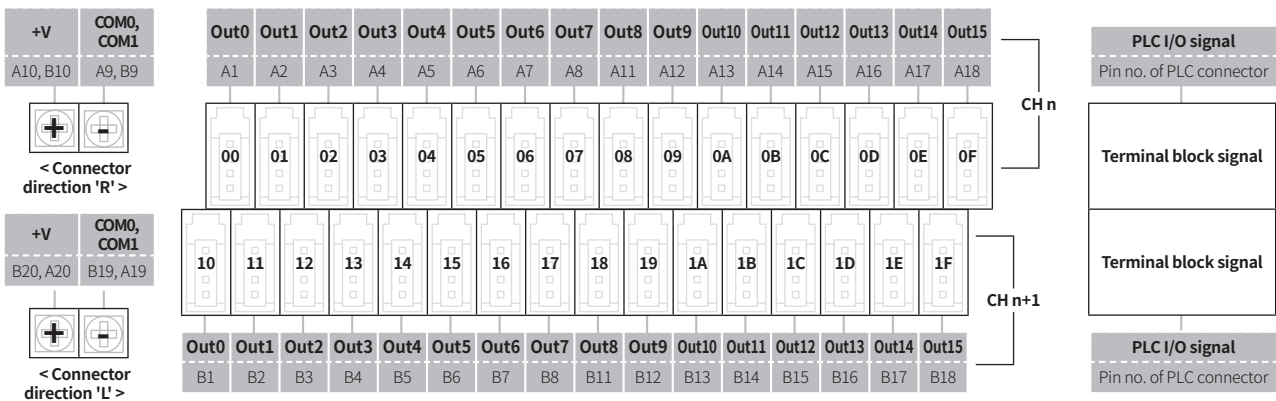
#### - Sensor connector terminal block input, connector direction 'R'



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



#### - Sensor connector terminal block output (NPN)



## ■ OMRON) NX Series - Interface/Relay/SSR terminal block

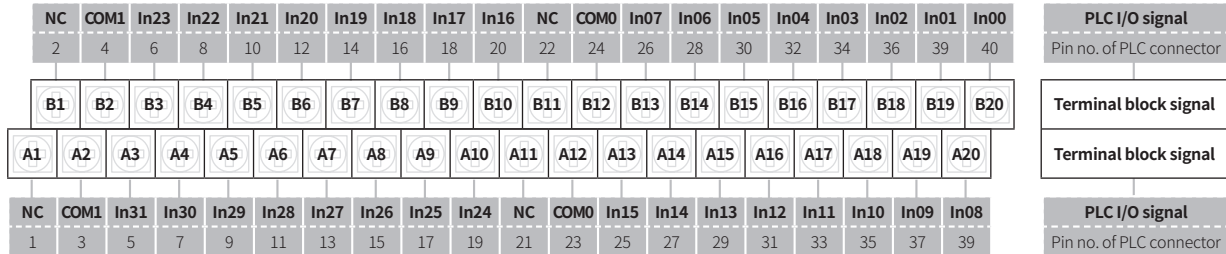
### • Cable selection guide

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	NPN	Relay/SSR terminal block	CH40-HP□-HCM1L	1
NX-OD6256-5	Output	32	PNP	Interface terminal block	CH40-HP□-4L	1
	Output	32	PNP	Relay/SSR terminal block	CH40-HP□-HCM4L	1

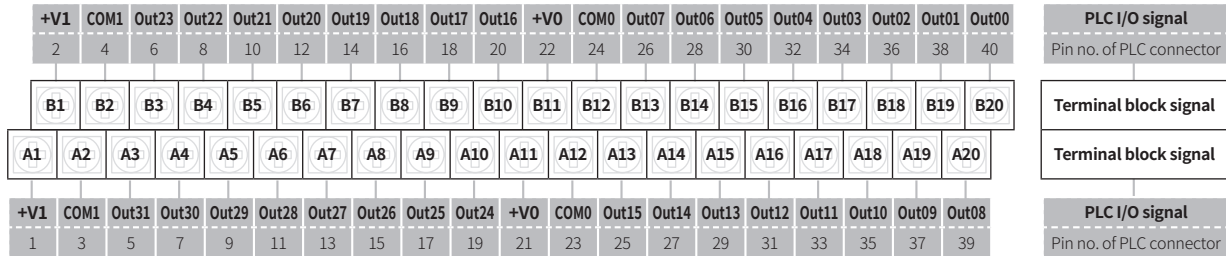
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

### • Cable connection diagram

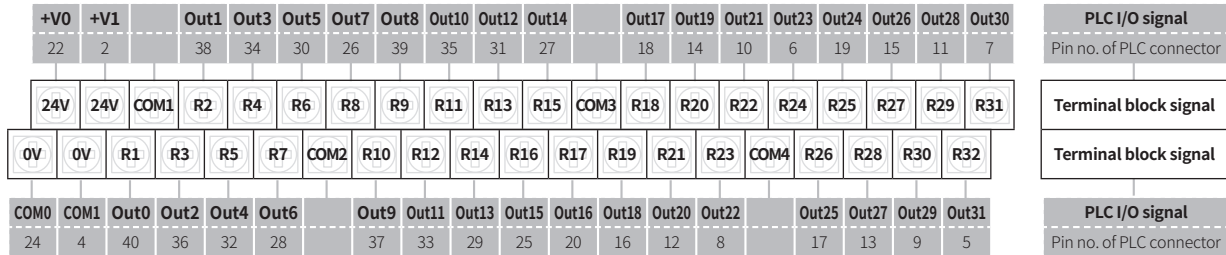
#### - Interface terminal block input



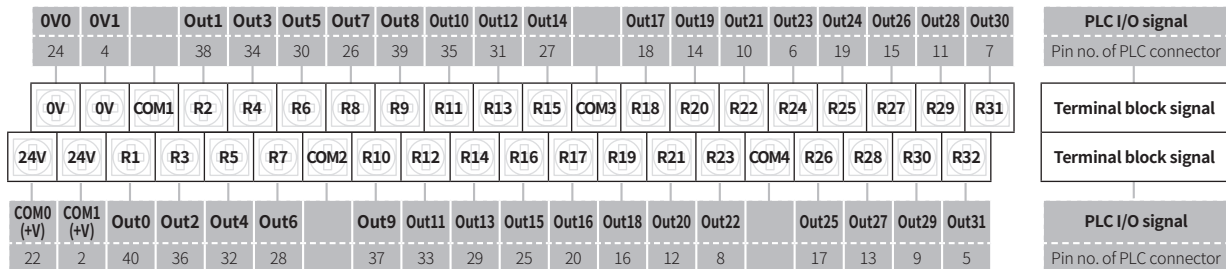
#### - Interface terminal block output



#### - Relay/SSR terminal block output (NPN)



#### - Relay/SSR terminal block output (PNP)



## ■ OMRON) NX Series - Interface/Relay/SSR terminal block

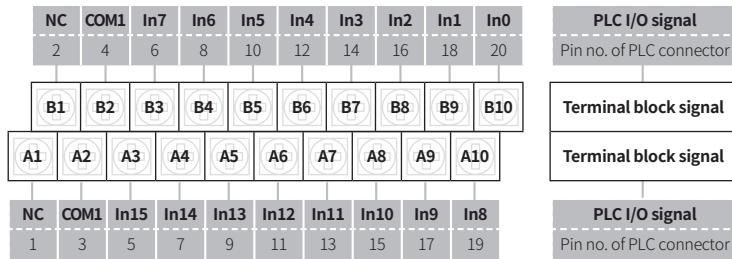
### • Cable selection guide

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/SSR terminal block	CH20-HP□-A4T1L	1
NX-OD5256-5	Output	16	PNP	Interface terminal block	CH20-HP□-4L	1
	Output	16	PNP	Relay/SSR 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/SSR terminal block	CH20-HP□-C1T4R	1
	Input	16	-	Interface terminal block	CH20-HP□-4L	1
NX-MD6256-5	Output	16	PNP	Interface terminal block	CH20-HP□-1R	1
	Output	16	PNP	Relay/SSR terminal block	CH20-HP□-C1T4R	1

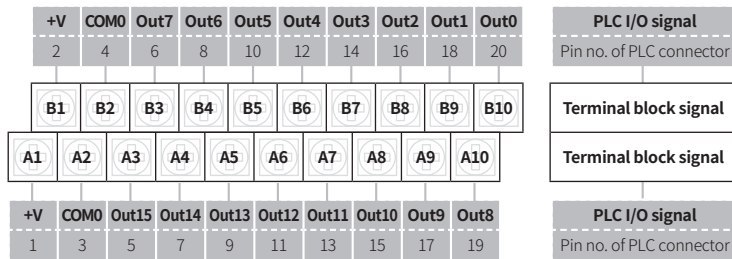
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

### • Cable connection diagram

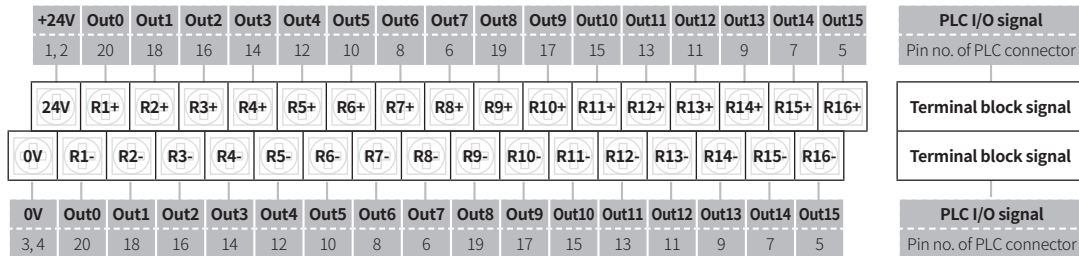
#### - Interface terminal block input



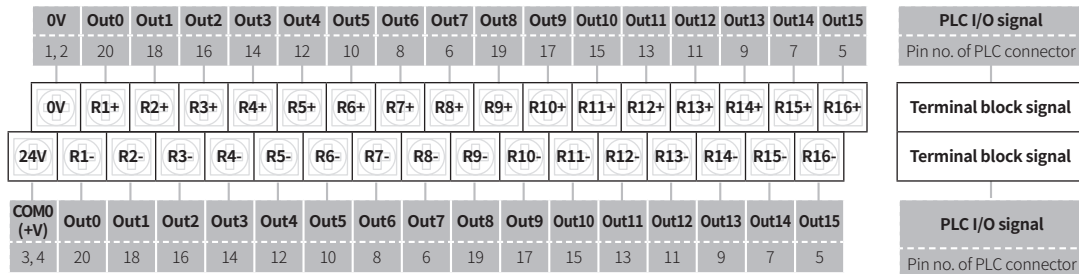
#### - Interface terminal block output



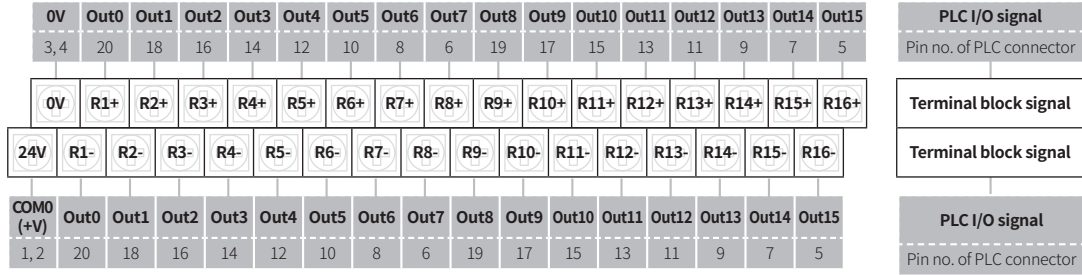
#### - Relay/SSR terminal block output (NPN)



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



- Relay/SSR 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
	Output	32	NPN	Interface terminal block	CH40-FP□-4L	1
NX-OD6121-6	Output	32	NPN	Relay/SSR terminal block	CH40-FP□-L1T4L	1

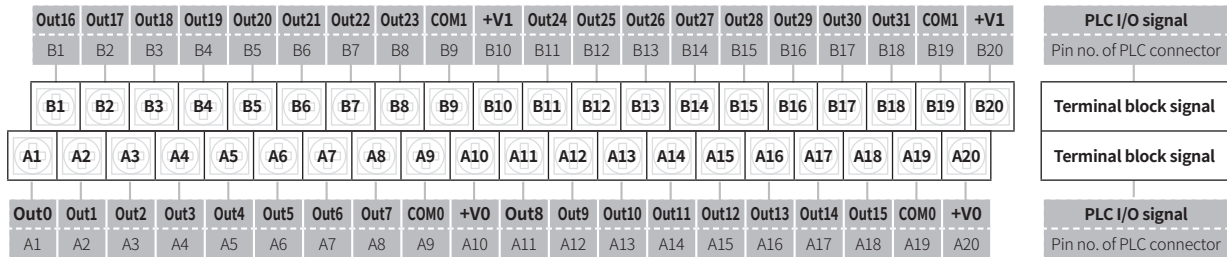
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

• Cable connection diagram

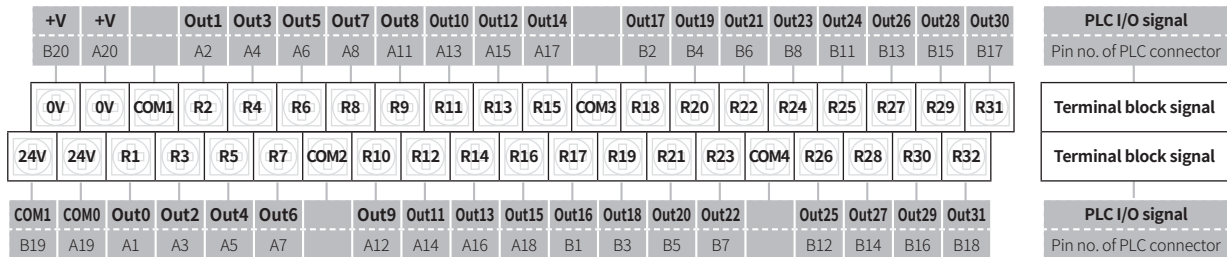
- Interface terminal block input



- Interface terminal block output



- Relay/SSR terminal block output (NPN)



## ■ OMRON) NX Series - Sensor connector terminal block

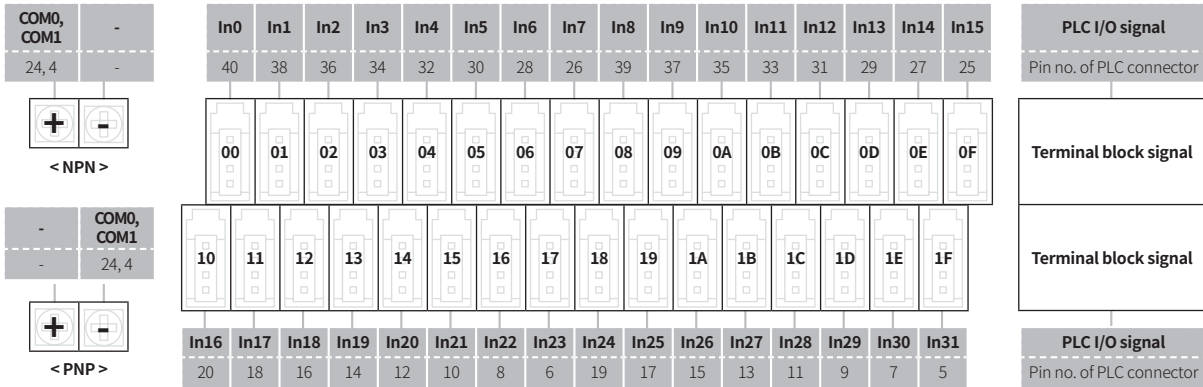
### • Cable selection guide

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	

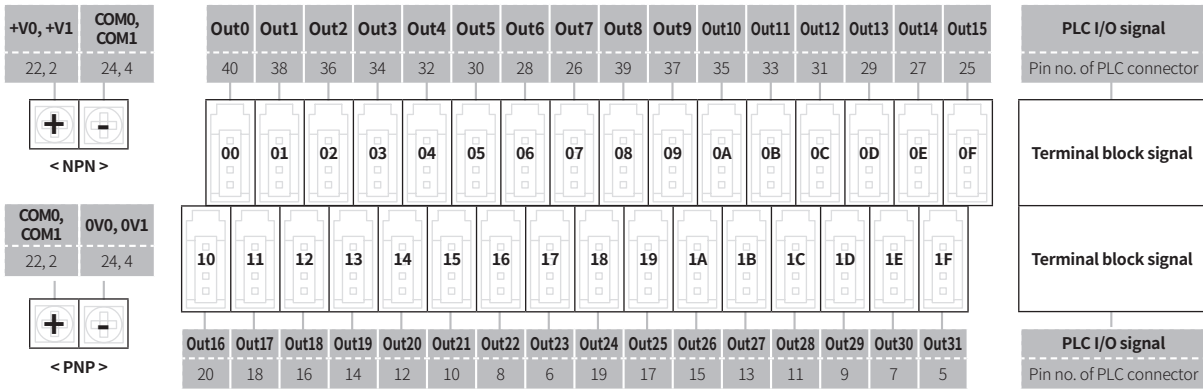
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

### • Cable connection diagram

#### - Sensor connector terminal block input



#### - Sensor connector terminal block output



## ■ OMRON) NX Series - Sensor connector terminal block

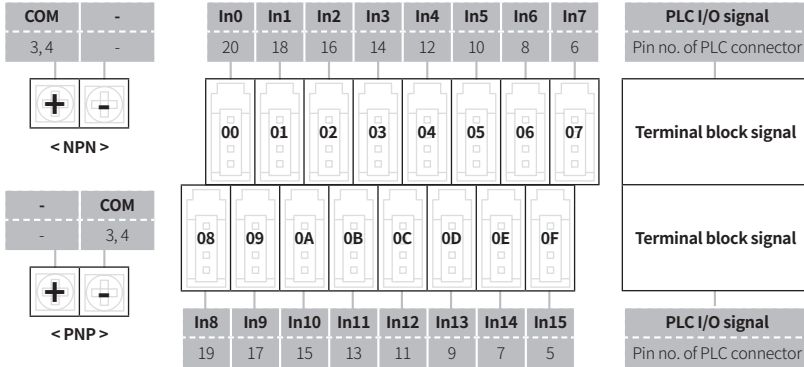
### • Cable selection guide

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□-A4T5L	1
NX-MD6256-5	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□-C1T1R	1
			PNP	Sensor connector terminal block	PNP	CH20-HP□-C1T1R	1

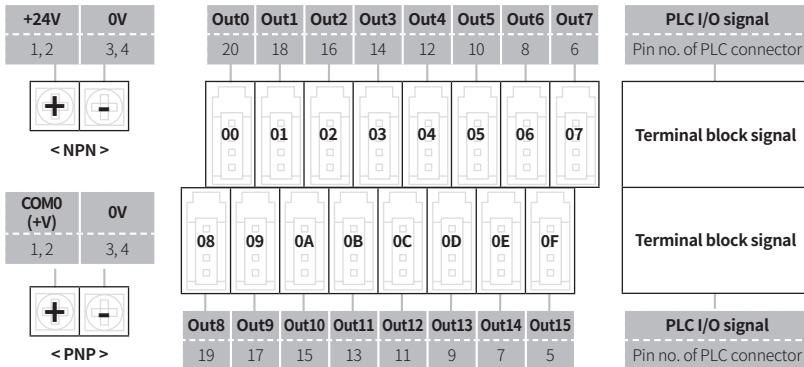
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

### • Cable connection diagram

#### - Sensor connector terminal block input



#### - Sensor connector terminal block output





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

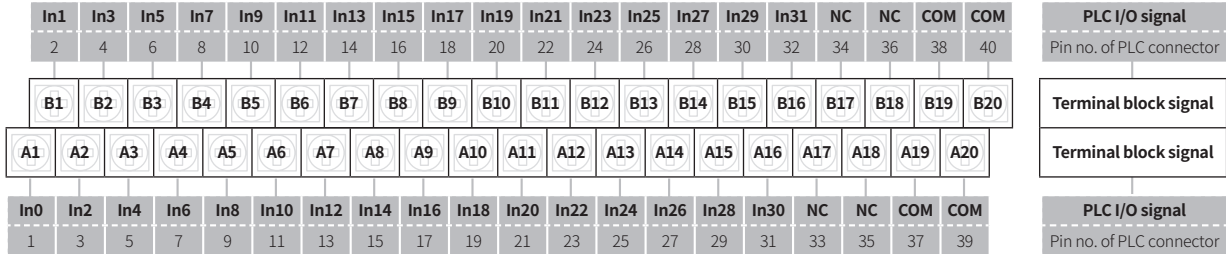
### • Cable selection guide

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/SSR terminal block	CH40-HP□-F5T1L	1

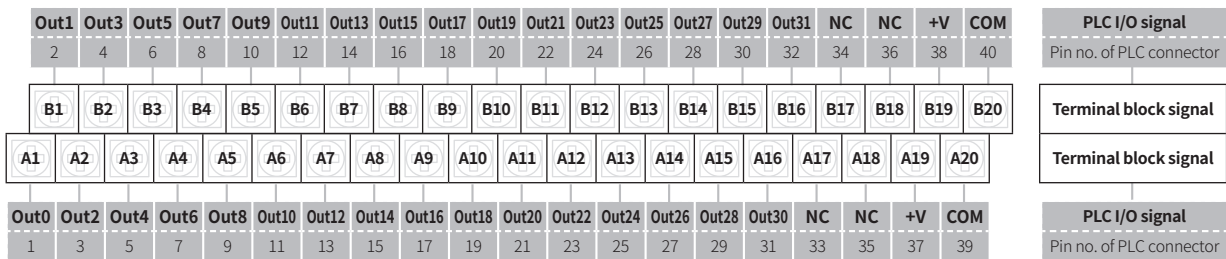
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

### • Cable connection diagram

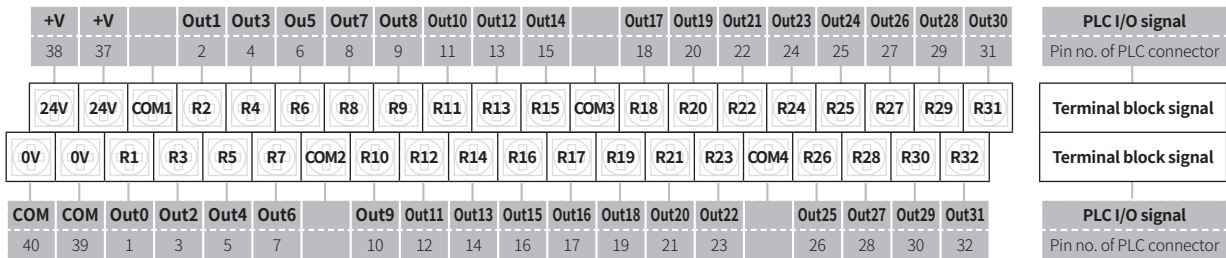
#### - Interface terminal block input



#### - Interface terminal block output



#### - Relay/SSR terminal block output (NPN)



## RS Automation) X8 Series - Sensor connector terminal block

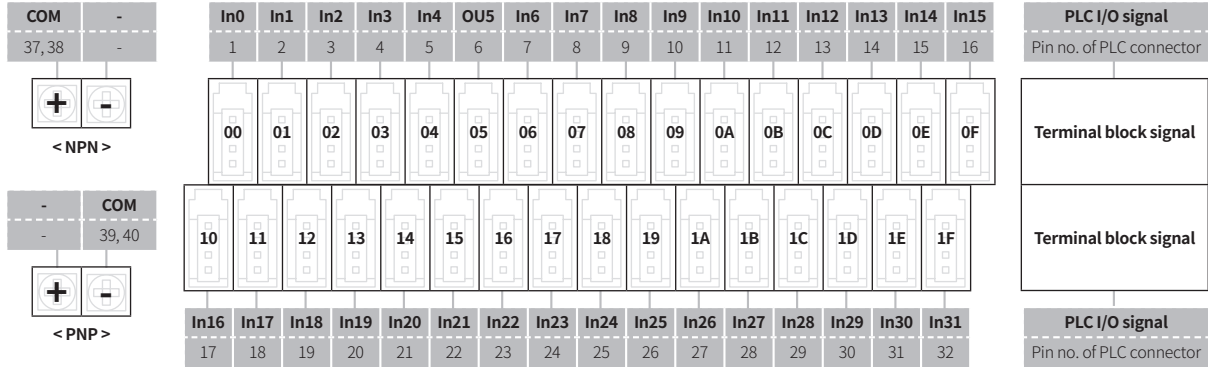
- Cable selection guide

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

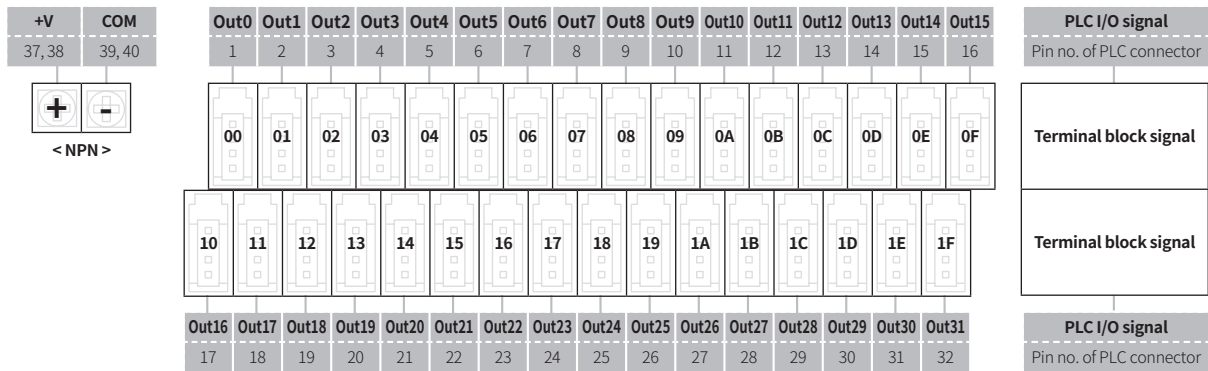
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

- Cable connection diagram

### - Sensor connector terminal block input



### - Sensor connector terminal block output



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

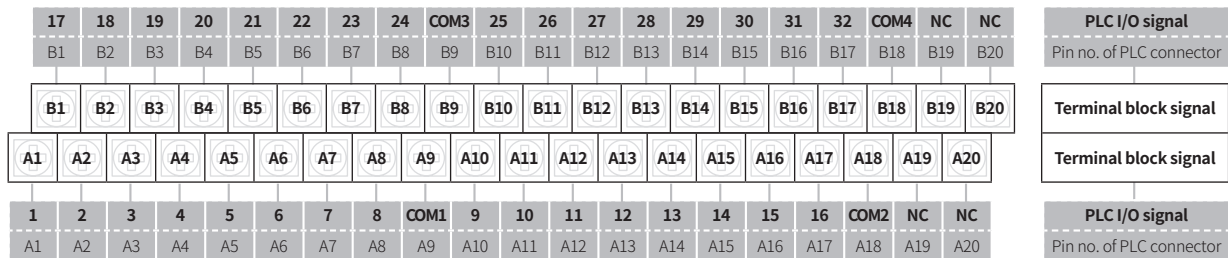
### • Cable selection guide

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/SSR terminal block	CH40-FP□-I4M1R	1
F3YD64-1P	Output	64	NPN	Interface terminal block	CH40-FP□-1R	2
F3YD64-1P	Output	64	NPN	Relay/SSR terminal block	CH40-FP□-I4M1R	2
F3YD32-1R	Output	32	PNP	Interface terminal block	CH40-FP□-1R	1
	Output	32	PNP	Relay/SSR terminal block	CH40-FP□-I4M1R	1
F3YD64-1R	Output	64	PNP	Interface terminal block	CH40-FP□-1R	2
	Output	64	PNP	Relay/SSR 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/SSR terminal block	CH40-FP□-I4M1R	1

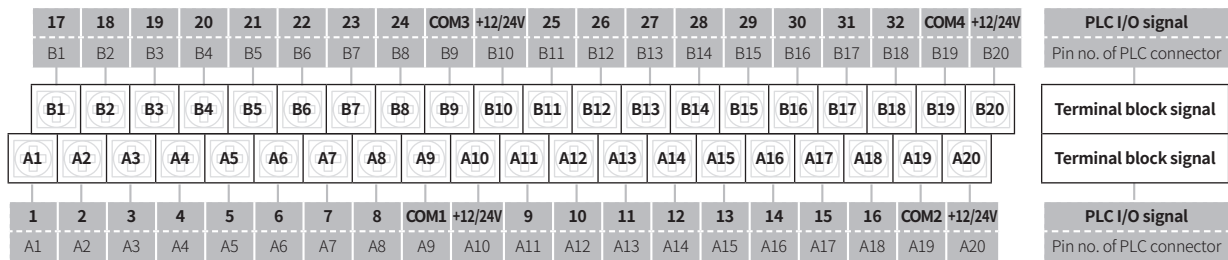
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

### • Cable connection diagram

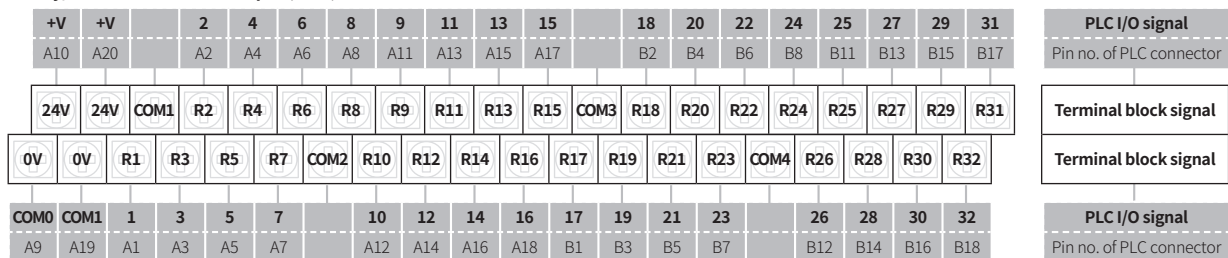
#### - Interface terminal block input



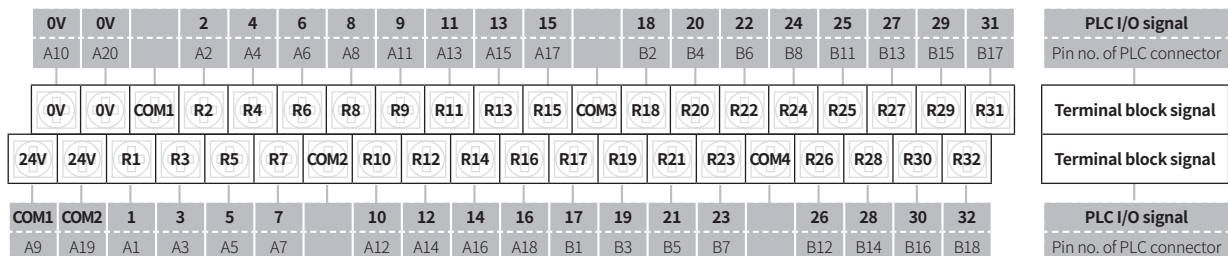
#### - Interface terminal block output



#### - Relay/SSR terminal block output (NPN)



#### - Relay/SSR terminal block output (PNP)



## YOKOGAWA) FA-M3V Series - Sensor connector terminal block

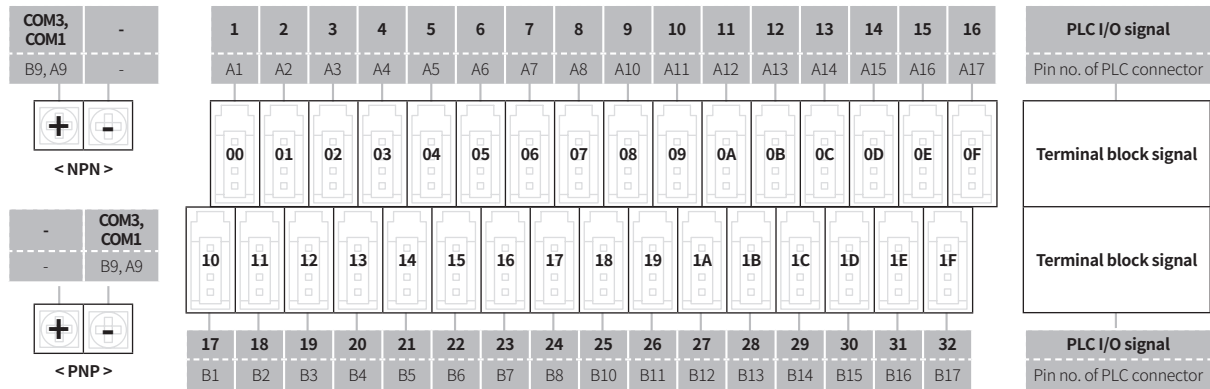
### Cable selection guide

Controller				Terminal block to connect			Proper cable	
Module name	I/O	No. of I/O	Logic	Type	Logic	Model name	Quantity	
F3XD32-3F, F3XD32-4F, F3XD32-5F	Input	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-W4T5R	1	
			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	
			PNP	Sensor connector terminal block	PNP	CH40-FP□-W4T2R	2	
F3YD32-1H, F3YD32-1P	Output	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-I4M1R	1	
F3YD64-1P	Output	64	NPN	Sensor connector terminal block	NPN	CH40-FP□-I4M1R	2	
F3YD32-1R	Output	32	PNP	Sensor connector terminal block	PNP	CH40-FP□-I4M4R	1	
F3YD64-1R	Output	64	PNP	Sensor connector terminal block	PNP	CH40-FP□-I4M4R	2	
F3WD64-3P, F3WD64-4P	Input	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-W4T5R	1	
			PNP	Sensor connector terminal block	PNP	CH40-FP□-W4T2R	1	
	Output	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-I4M1R	1	

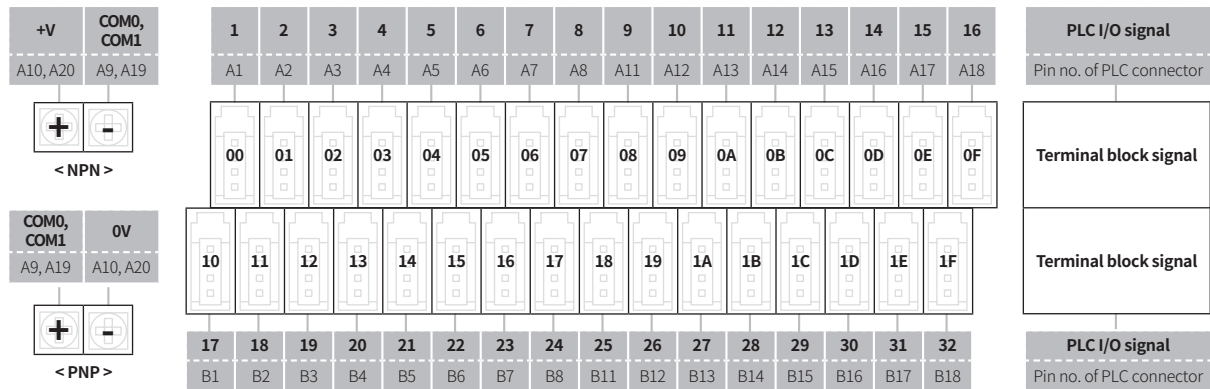
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

### Cable connection diagram

#### - Sensor connector terminal block input



#### - Sensor connector terminal block output



## ■ FUJI MICREX-SX Series - Interface/Relay/SSR terminal block

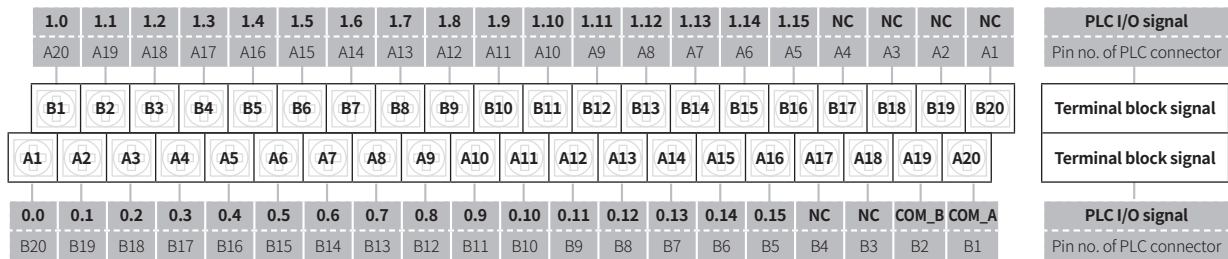
### • Cable selection guide

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/SSR terminal block	CH40-FP□-E1T1R	1
NP1Y64T09P1	Output	64	NPN	Interface terminal block	CH40-FP□-4R	1
	Output	64	NPN	Relay/SSR terminal block	CH40-FP□-E1T1R	2
NP1Y32U09P1	Output	32	PNP	Interface terminal block	CH40-FP□-4R	1
	Output	32	PNP	Relay/SSR terminal block	CH40-FP□-E1T4R	1
NP1Y64U09P1	Output	64	PNP	Interface terminal block	CH40-FP□-4R	1
	Output	64	PNP	Relay/SSR 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/SSR 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/SSR 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

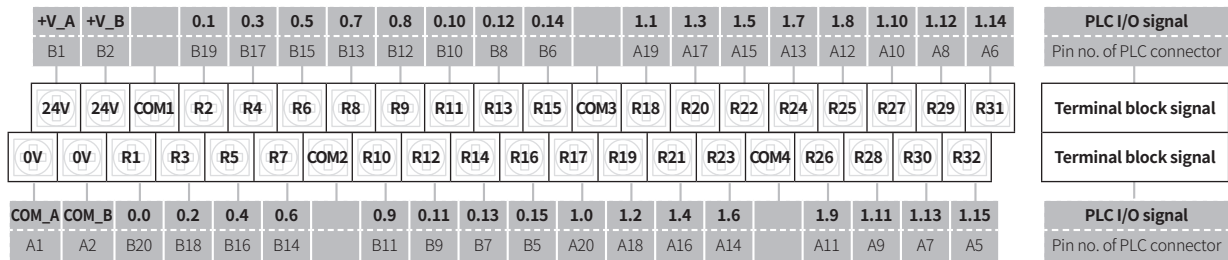
#### - Interface terminal block input



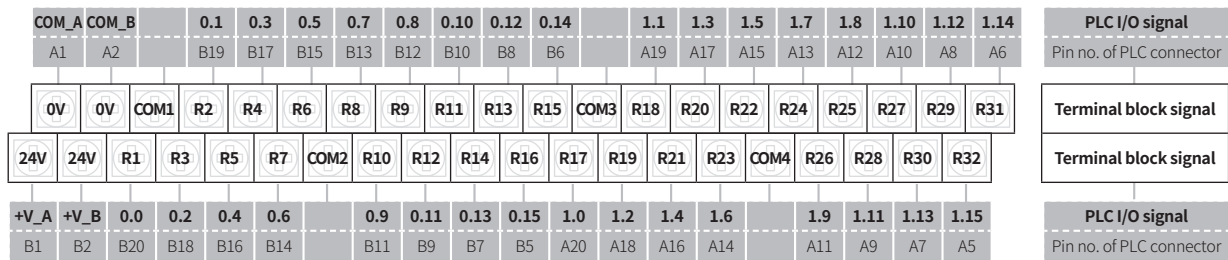
#### - Interface terminal block output



#### - Relay/SSR terminal block output (NPN)



#### - Relay/SSR terminal block output (PNP)



## ■ FUJI) MICREX-SX Series - Sensor connector terminal block

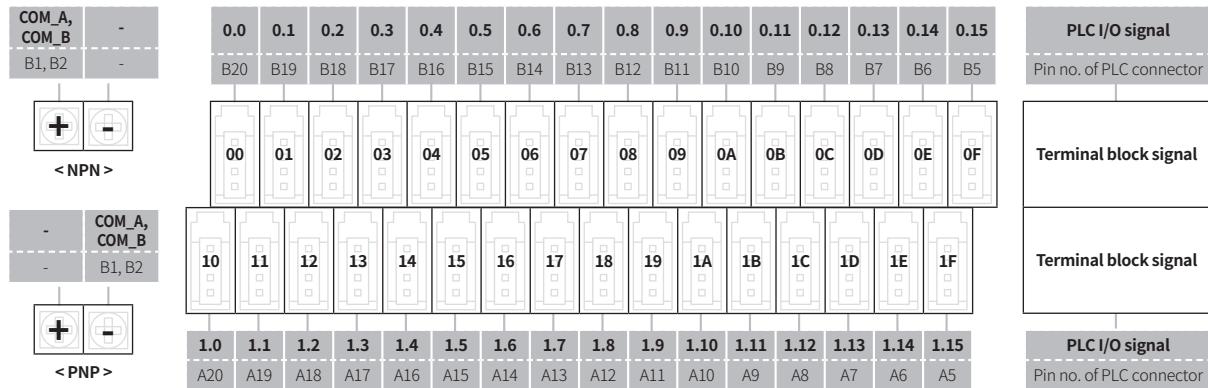
### • Cable selection guide

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	
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	
			PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T6R	1	
NP1W6406U	Input	32	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	

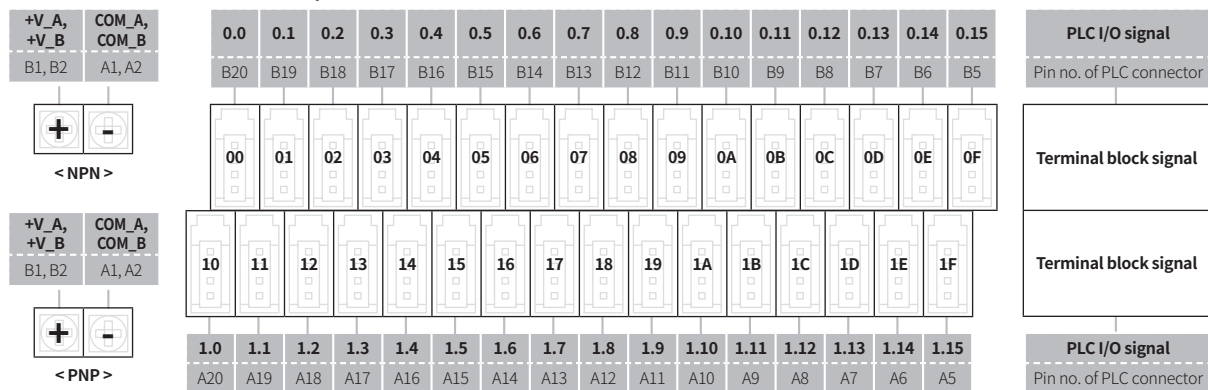
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

### • Cable connection diagram

#### - Sensor connector terminal block input



#### - Sensor connector terminal block output



## ■ CIMON) CM3 Series - Interface/Relay/SSR terminal block

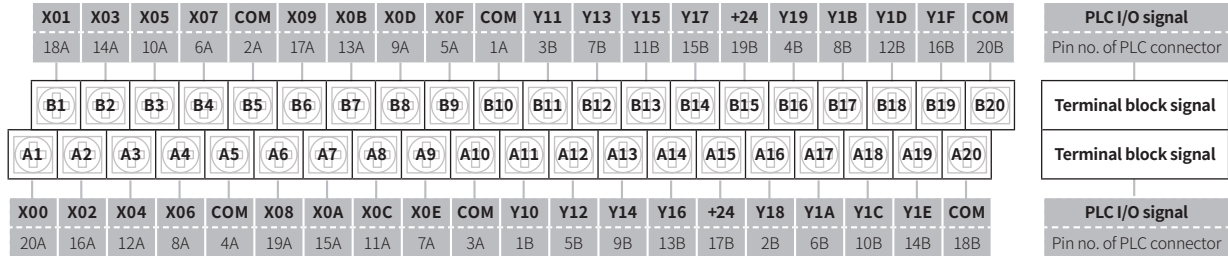
### • Cable selection guide

Controller				Terminal block to connect	Proper cable	
Module name	I/O	No. of I/O	Logic		Model name	Quantity
CM3-SP32MDT CM3-SP32EDT	Input/output	16	NPN	Interface terminal block	CH40-HP□-8X-FS	1
CM3-SP32EDO	Input	32	-	Interface terminal block	CH40-HP□-8L	1
CM3-SP32EOT	Output	32	NPN	Interface terminal block	CH40-HP□-8L	1
CM3-SP32EOT	Output	32	NPN	Relay/SSR terminal block	CH40-HP□-E1T4L	1

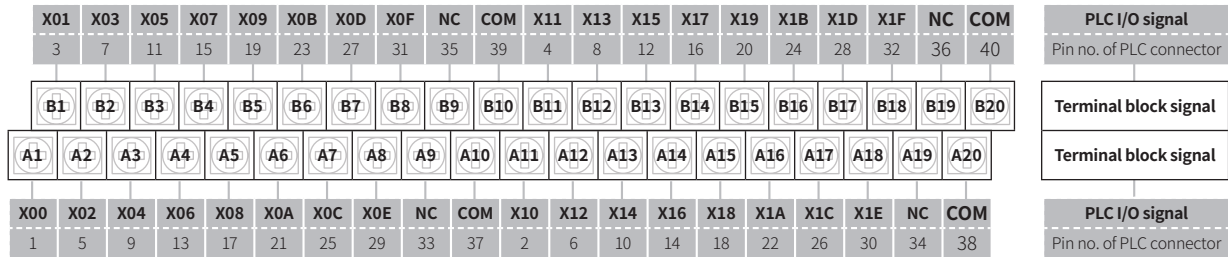
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

### • Cable connection diagram

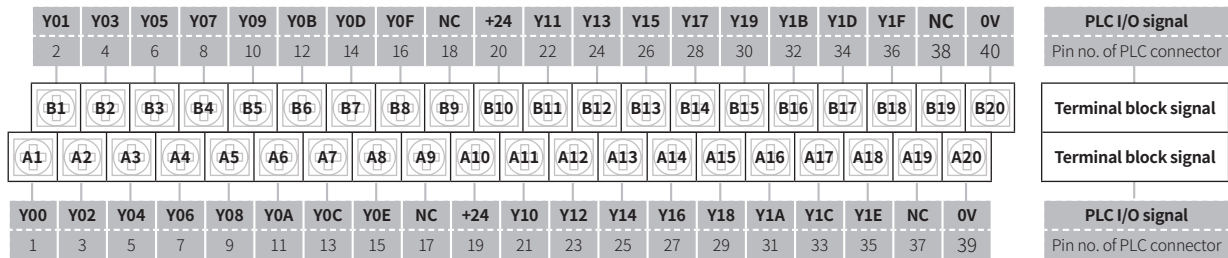
#### - Interface Terminal block input/output



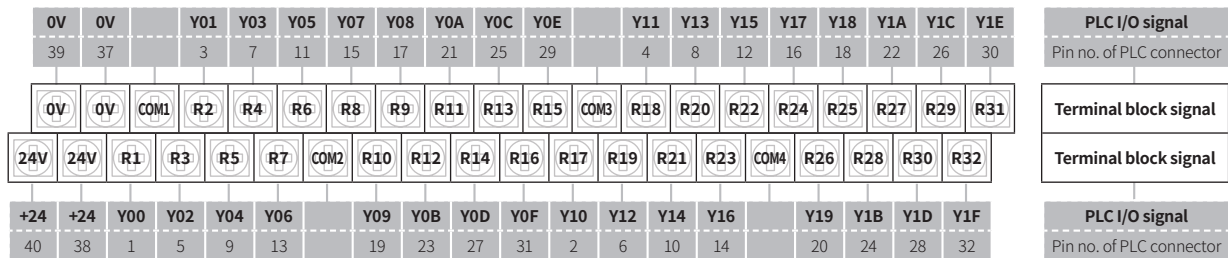
#### - Interface terminal block input



#### - Interface terminal block output



#### - Relay/SSR terminal block output (PNP)



## ■ CIMON) CM1 Series - Interface/Relay/SSR terminal block

### • Cable selection guide

Controller				Terminal block to connect	Proper cable	
Module name	I/O	No. of I/O	Logic		Model name	Quantity
XD32E, XD32F	Input	32	-	Interface terminal block	CH37-DS□-4R	1
	Output	32	NPN	Interface terminal block	CH37-DS□-4R	1
YT32E	Output	32	NPN	Relay/SSR terminal block	CH37-DS□-F5T1R	1
	Output	32	PNP	Interface terminal block	CH37-DS□-4R	1
YT32F	Output	32	PNP	Relay/SSR terminal block	CH37-DS□-F5T4R	1

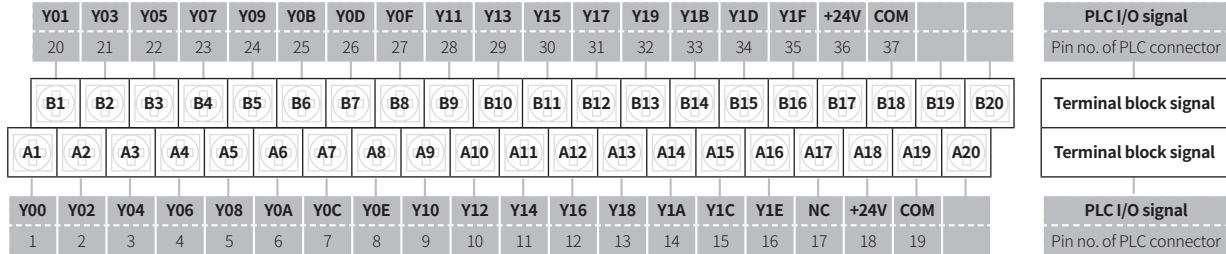
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

### • Cable connection diagram

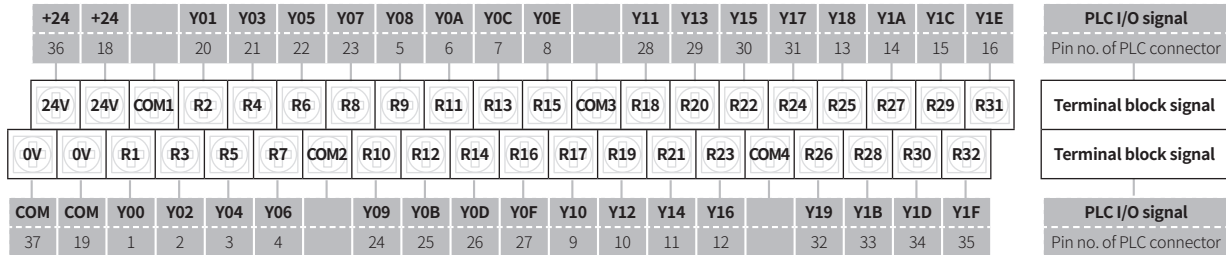
#### - Interface terminal block input



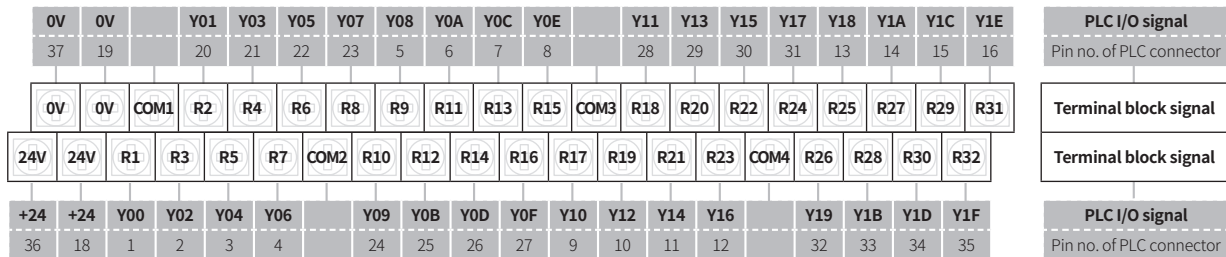
#### - Interface terminal block output



#### - Relay/SSR terminal block output (NPN)



#### - Relay/SSR terminal block output (PNP)





## ■ CIMON) CM1 Series - Interface/Relay/SSR 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/SSR terminal block	CH40-FP□-E1T1R	2

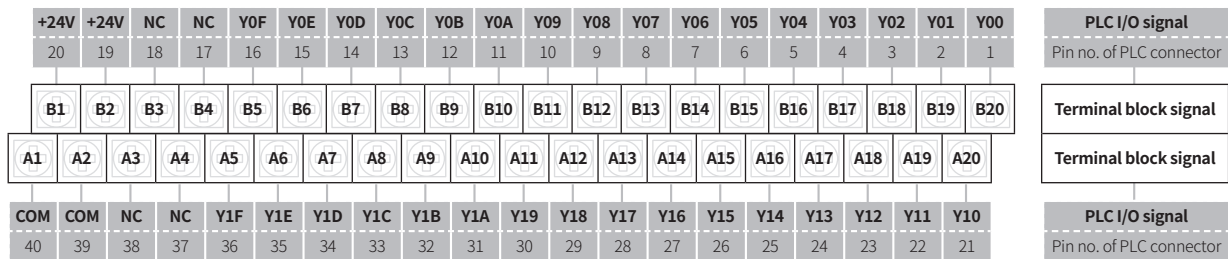
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

### • Cable connection diagram

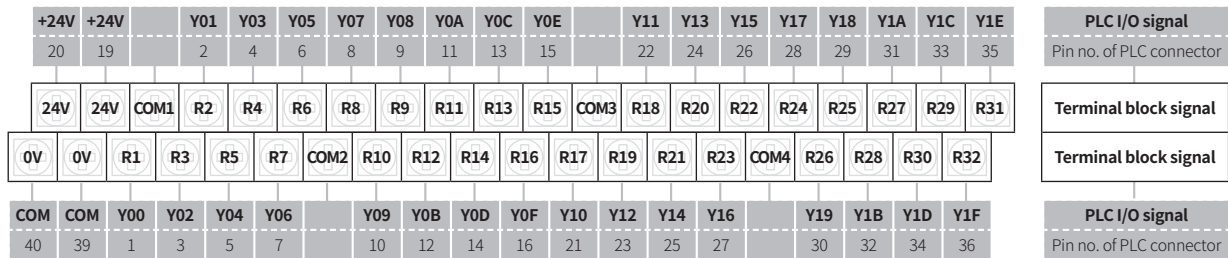
#### - Interface terminal block input



#### - Interface terminal block output



#### - Relay/SSR terminal block output (NPN)



## ■ CIMON) CM1 Series - Sensor connector terminal block

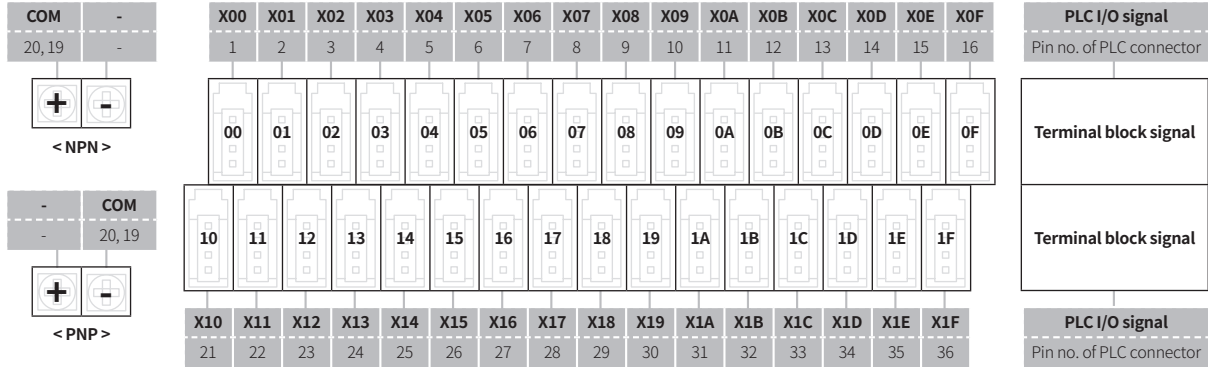
• Cable selection guide

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	

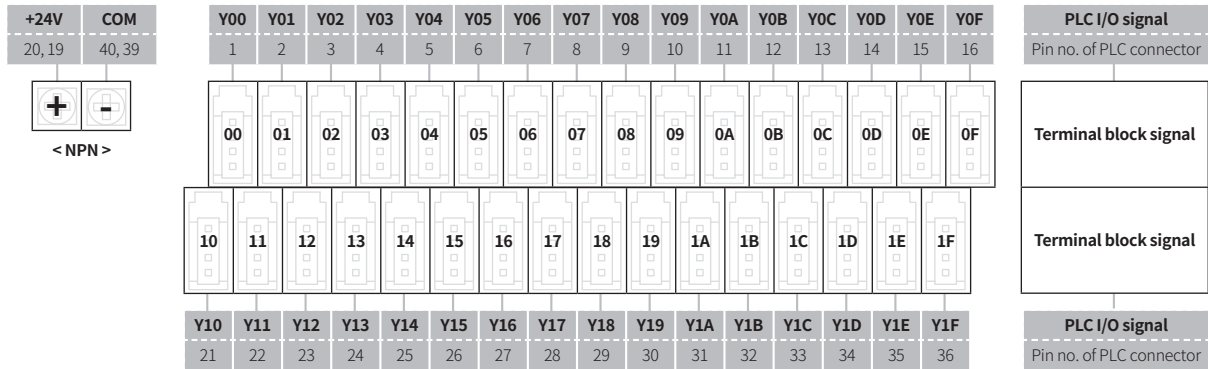
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

• Cable connection diagram

### - Sensor connector terminal block input



### - Sensor connector terminal block output



## Autonics) LP Series - Interface/Relay/SSR terminal block

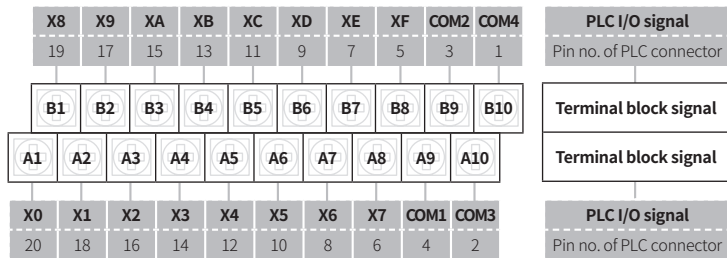
- Cable selection guide

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
		16	NPN	Relay/SSR 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
		16	NPN	Relay/SSR 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
		16	NPN	Relay/SSR 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
		32	NPN	Relay/SSR terminal block	CH20-HP□-C1T1R	2

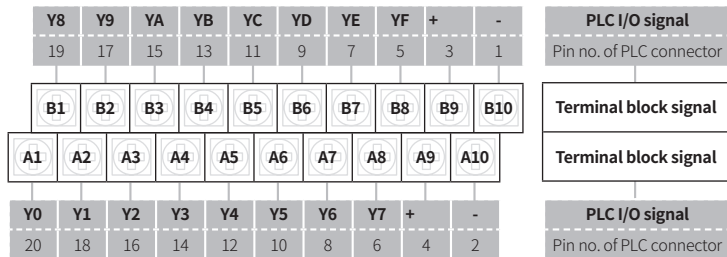
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

- Cable connection diagram

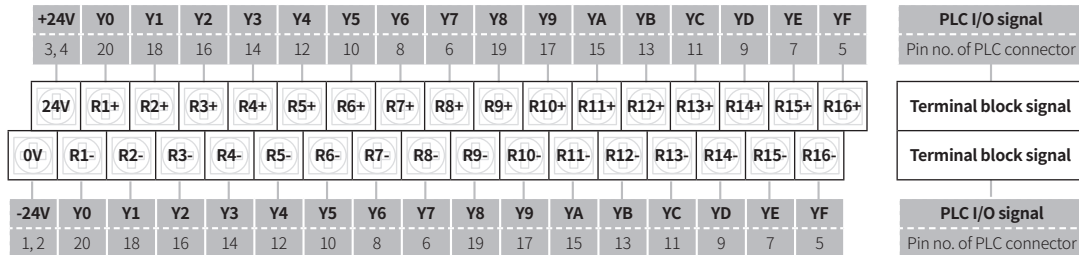
### - Interface terminal block input



### - Interface terminal block output



### - Relay/SSR terminal block output (NPN)



## Autonics) LP Series - Sensor connector terminal block

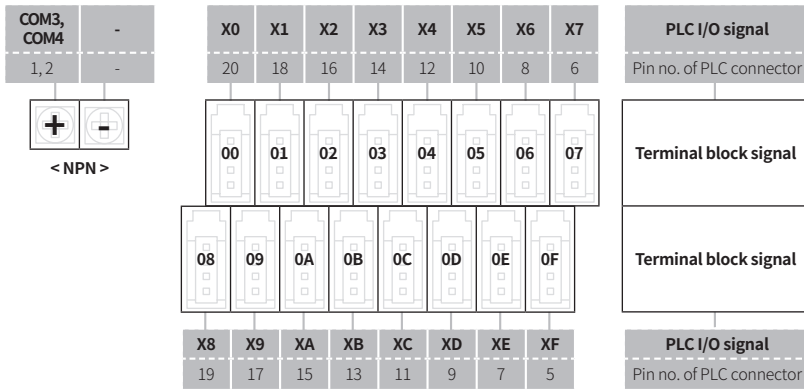
### Cable selection guide

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

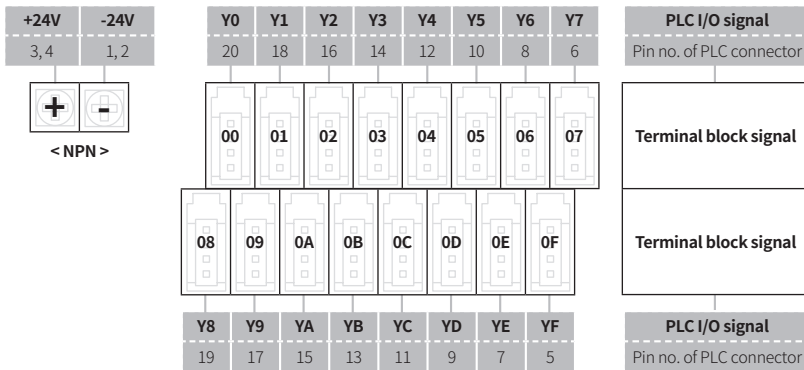
□ in proper cable model name stands for the cable length. Please refer to the cable length in 'Ordering Information'.

### Cable connection diagram

#### - Sensor connector terminal block input



#### - Sensor connector terminal block output



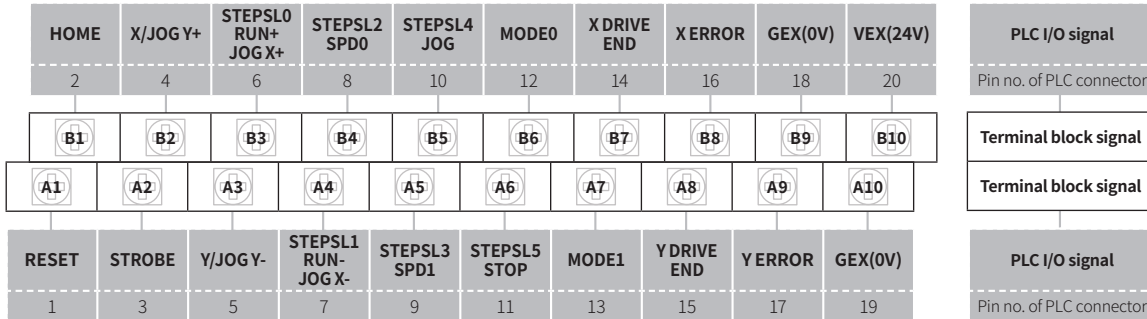
## Autonics) PMC Series - Interface terminal block

### 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



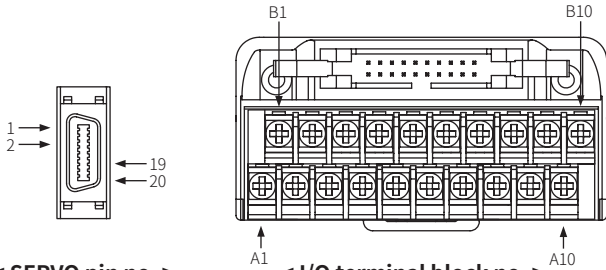
## ■ SERVO) 20-pin connector - Interface terminal block

• 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.

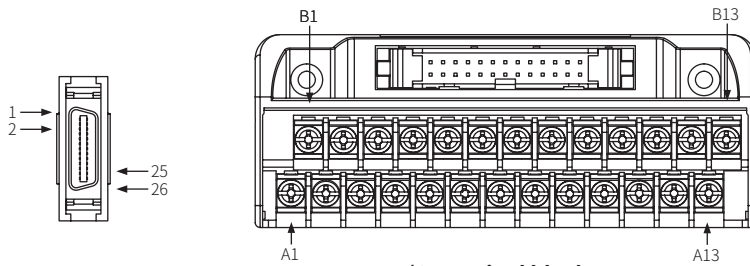
## ■ SERVO) 26-pin connector - Interface terminal block

### • 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.

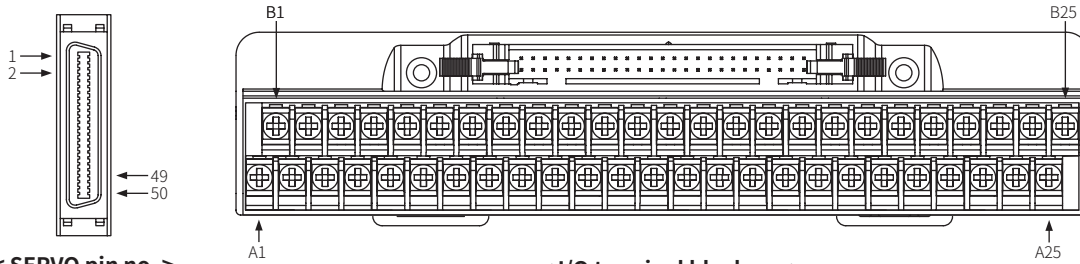
## ■ SERVO) 50-pin connector - Interface terminal block

### • 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
	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.



## Cable Selection List

### ■ Interface/Relay/SSR terminal block

Controller		Module name	Input/Output	No. of I/O	Logic	Terminal block to connect	Proper cable	
Manufacturer	Series						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/SSR terminal block	CH40-FP□-E1T1R	1
		XGQ-TR4B	Output	32	PNP	Interface terminal block	CH40-FP□-1R	1
			Output	32	PNP	Relay/SSR terminal block	CH40-FP□-E1T4R	1
		XGQ-TR8A	Output	64	NPN	Interface terminal block	CH40-FP□-1R	2
			Output	64	NPN	Relay/SSR terminal block	CH40-FP□-E1T1R	2
		XGQ-TR8B	Output	64	PNP	Interface terminal block	CH40-FP□-1R	2
			Output	64	PNP	Relay/SSR terminal block	CH40-FP□-E1T4R	2
	XGB	XBM-DN32H	Input/Output	32	-	Interface terminal block	CH40-HP□-8L	1
			Input	8	-	Interface terminal block	CH20-HP□-1R	1
		XBM-DN16S	Output	8	NPN	Interface terminal block	CH20-HP□-1L	1
			Output	8	NPN	Relay/SSR 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	Input/Output	32	-	Interface terminal block	CH40-HP□-8L	1
			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/SSR terminal block	CH40-HP□-E1T1L	1
		XBE-TP32A	Output	32	PNP	Interface terminal block	CH40-HP□-8L	1
			Output	32	PNP	Relay/SSR terminal block	CH40-HP□-E1T4L	1
MITSUBISHI	iQ-F	FX5-C16EX/D	Input	16	NPN	Interface terminal block	CH20-HP□-4R	1
		FX5-C16EX/DS	Input	16	-	Interface terminal block	CH20-HP□-4R	1
		FX5-C32EX/D	Input	32	NPN	Interface terminal block	CH40-HP□-8R-FS	1
		FX5-C32EX/DS	Input	32	-	Interface terminal block	CH40-HP□-8R-FS	1
		FX5-C16EYT/D	Output	16	NPN	Interface terminal block	CH20-HP□-4R	1
		FX5-C16EYT/DSS	Output	16	PNP	Interface terminal block	CH20-HP□-4R	1
		FX5-C32EYT/D	Output	32	NPN	Interface terminal block	CH40-HP□-8R-FS	1
		FX5-C32EYT/DSS	Output	32	PNP	Interface terminal block	CH40-HP□-8R-FS	1
	iQ-R	RX41C4, RX41C6HS	Input	32	-	Interface terminal block	CH40-FP□-1R	1
			Output	32	NPN	Interface terminal block	CH40-FP□-1R	1
		RY41NT2P, RY41NT2H	Output	32	NPN	Relay/SSR terminal block	CH40-FP□-E1T1R	1
			Output	32	PNP	Interface terminal block	CH40-FP□-1R	1
		RY41PT1P, RY41PT2H	Output	32	PNP	Relay/SSR terminal block	CH40-FP□-E1T4R	1
			Output	32	PNP	Interface terminal block	CH40-FP□-1R	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/SSR terminal block	CH40-FP□-E1T1R	2
			Output	64	PNP	Interface terminal block	CH40-FP□-1R	2
	RY42PT1P	Output	64	PNP	Relay/SSR terminal block	CH40-FP□-E1T4R	2	
		Output	64	PNP	Interface terminal block	CH40-FP□-1R	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/SSR terminal block	CH40-FP□-E1T1R	1		
		QnU	QX41, QX42-S1/S2	Input	32	-	Interface terminal block	CH40-FP□-1R
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/SSR 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/SSR terminal block	CH40-FP□-E1T1R	1	
QY42P	Output		64	NPN	Interface terminal block	CH40-FP□-1R	2	
	Output		64	NPN	Relay/SSR terminal block	CH40-FP□-E1T1R	2	
QY82P	Output		64	PNP	Interface terminal block	CH40-FP□-1R	2	
	Output		64	PNP	Relay/SSR 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		
Output	32	PNP	Relay/SSR terminal block	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		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/SSR 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/SSR terminal block	CH40-HP□-L9M4R	1
			Output2	32	NPN	Relay/SSR terminal block	CH40-HP□-HCM1L	1
		CJ1W-OD232	Output	32	PNP	Interface terminal block	CH40-HP□-4L	1
			Output	32	PNP	Relay/SSR 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/SSR terminal block	CH40-HP□-L9M1R	1
			Output2	32	PNP	Relay/SSR 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/SSR 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/SSR 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/SSR 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/SSR 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/SSR terminal block	CH40-FP□-I4T1R	1
	Output2		32	NPN	Relay/SSR 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/SSR 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/SSR terminal block	CH40-HP□-HCM1L	1
			Output	32	PNP	Interface terminal block	CH40-HP□-4L	1
		NX-OD6256-5	Output	32	PNP	Interface terminal block	CH40-HP□-4L	1
			Output	32	PNP	Relay/SSR 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/SSR terminal block	CH20-HP□-A4T1L	1	
NX-OD5256-5		Output	16	PNP	Interface terminal block	CH20-HP□-4L	1	
		Output	16	PNP	Relay/SSR 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/SSR 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/SSR terminal block	CH20-HP□-C1T4R	1		
NX-ID6142-6	Input	32	-	Interface terminal block	CH40-FP□-4L	1		
	Output	32	NPN	Interface terminal block	CH40-FP□-4L	1		
NX-OD6121-6	Output	32	NPN	Relay/SSR terminal block	CH40-FP□-L1T4L	1		
	Output	32	NPN	Relay/SSR 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/SSR 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/SSR terminal block	CH40-FP□-H4M1R	1		
		F3YD64-1P	Output	64	NPN	Interface terminal block	CH40-FP□-1R	2		
			Output	64	NPN	Relay/SSR terminal block	CH40-FP□-H4M1R	2		
		F3YD32-1R	Output	32	PNP	Interface terminal block	CH40-FP□-1R	1		
			Output	32	PNP	Relay/SSR terminal block	CH40-FP□-H4M1R	1		
		F3YD64-1R	Output	64	PNP	Interface terminal block	CH40-FP□-1R	2		
			Output	64	PNP	Relay/SSR 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/SSR 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/SSR terminal block	CH40-FP□-E1T1R	1		
		NP1Y64T09P1	Output	64	NPN	Interface terminal block	CH40-FP□-4R	1		
			Output	64	NPN	Relay/SSR terminal block	CH40-FP□-E1T1R	2		
		NP1Y32U09P1	Output	32	PNP	Interface terminal block	CH40-FP□-4R	1		
			Output	32	PNP	Relay/SSR terminal block	CH40-FP□-E1T4R	1		
		NP1Y64U09P1	Output	64	PNP	Interface terminal block	CH40-FP□-4R	1		
			Output	64	PNP	Relay/SSR 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/SSR 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/SSR terminal block	CH40-FP□-E1T4R	1				
CIMON	CM3	CM3-SP32MDT CM3-SP32EDT	Input/output	16	NPN	Interface terminal block	CH40-HP□-8X-FS	1		
		CM3-SP32EDO	Input	32	-	Interface terminal block	CH40-HP□-8L	1		
		CM3-SP32EOT	Output	32	NPN	Interface terminal block	CH40-HP□-8L	1		
		CM3-SP32EOT	Output	32	NPN	Relay/SSR terminal block	CH40-HP□-E1T4L	1		
	CM1	XD32E, XD32F	Input	32	-	Interface terminal block	CH37-DS□-4R	1		
			Output	32	NPN	Interface terminal block	CH37-DS□-4R	1		
		YT32E	Output	32	NPN	Relay/SSR terminal block	CH37-DS□-F5T1R	1		
			Output	32	PNP	Interface terminal block	CH37-DS□-4R	1		
		XD64E	Input	64	-	Interface terminal block	CH40-FP□-1R	2		
			Output	64	NPN	Interface terminal block	CH40-FP□-1R	2		
		YT64E	Output	64	NPN	Relay/SSR terminal block	CH40-FP□-E1T1R	2		
			Output	64	NPN	Relay/SSR 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/SSR 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/SSR 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		
		LP-A104-T9D8(9)-C6R	Output	16	NPN	Relay/SSR terminal block	CH20-HP□-C1T1R	1		
			Input	32	-	Interface terminal block	CH20-HP□-4R	2		
					Output	32	NPN	Interface terminal block	CH20-HP□-4R	2
					Output	32	NPN	Relay/SSR terminal block	CH20-HP□-C1T1R	2
Output	32				NPN	Relay/SSR 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	1		

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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		Input	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
		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	Output	16	PNP	Sensor connector terminal block	PNP	CH20-HP□-C1T1R	1		
				16	NPN	Sensor connector terminal block	NPN	CH40-FP□-X1T3L	1		
		CJ1W-ID261	Input	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-X1T6L	1		
				32	PNP	Sensor connector terminal block	PNP	CH40-FP□-W4T5R	1		
			Input1	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-W4T2R	1		
				32	PNP	Sensor connector terminal block	PNP	CH40-FP□-X1T3L	1		
			Input2	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-X1T6L	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		
		CJ1W-MD261	Output	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-H4T1R	1		
				32	NPN	Sensor connector terminal block	NPN	CH40-FP□-H4T1R	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
				NX-MD6256-5	Output	16	NPN	Sensor connector terminal block	NPN	CH20-HP□-C1T4R	1
						16	NPN	Sensor connector terminal block	NPN	CH20-HP□-A4T5L	1
		NX-MD6256-5	Output	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		
					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		
					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		
		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		
					PNP	Sensor connector terminal block	PNP	CH40-FP□-W4T2R	1		
F3WD64-3P, F3WD64-4P	Output	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-H4M1R	1				
			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	Output	32	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T1R	1
						Sensor connector terminal block	PNP	CH40-FP□-E1T3R	1
		NP1W6406U	Output	32	PNP	Sensor connector terminal block	PNP	CH40-FP□-E1T6R	1
						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
CIMON	CM1	YT64E	Output	64	NPN	Sensor connector terminal block	NPN	CH40-FP□-E1T1R	2
						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	Output	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
LP-A104-T9D8(9)-C6R	Output	32	NPN	Sensor connector terminal block	NPN	CH20-HP□-C1T5R	1		
				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
		MR-J3-D01	26	CN20	Interface terminal block	CH20-MP□-8R	1
					Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1
		MR-J3-T	20	CN20	Interface terminal block	CH20-MP□-8R	1
					Interface terminal block	CH26-MP□-8R, CH26-MQ□-8R	1
		MR-J3W-B	26	CM10	Interface terminal block	CH50-MP□-8R, CH50-MQ□-8R	1
	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
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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