

Mitsubishi A Series Supported Harness Pin Assignment (Mark Tube Printing) Figure

For AX42/AX42-S1

Product Page
●1011 - 1012

Input Connector 1 (Custom No.)**X-PLC0039** Input Connector 2 (Custom No.)**X-PLC0040**

Signal Name	B	A	Signal Name	B	A	Signal Name
X00	20	20	X10	20	20	X30
X01	19	19	X11	19	19	X31
X02	18	18	X12	18	18	X32
X03	17	17	X13	17	17	X33
X04	16	16	X14	16	16	X34
X05	15	15	X15	15	15	X35
X06	14	14	X16	14	14	X36
X07	13	13	X17	13	13	X37
X08	12	12	X18	12	12	X38
X09	11	11	X19	11	11	X39
X0A	10	10	X1A	10	10	X3A
X0B	9	9	X1B	9	9	X3B
X0C	8	8	X1C	8	8	X3C
X0D	7	7	X1D	7	7	X3D
X0E	6	6	X1E	6	6	X3E
X0F	5	5	X1F	5	5	X3F
	4	4		4	4	
	3	3		3	3	
COM_B	2	2	COM_B	2	2	
COM_A	1	1	COM_A	1	1	

FCN Male 40-Core

**For AY42/AY42-S1/
AY42-S2/AY42-S3**

Product Page
●1011 - 1012

Output Connector 1 (Custom No.)**X-PLC0043** Output Connector 2 (Custom No.)**X-PLC0044**

Signal Name	B	A	Signal Name	B	A	Signal Name
Y00	20	20	Y10	20	20	Y30
Y01	19	19	Y11	19	19	Y31
Y02	18	18	Y12	18	18	Y32
Y03	17	17	Y13	17	17	Y33
Y04	16	16	Y14	16	16	Y34
Y05	15	15	Y15	15	15	Y35
Y06	14	14	Y16	14	14	Y36
Y07	13	13	Y17	13	13	Y37
Y08	12	12	Y18	12	12	Y38
Y09	11	11	Y19	11	11	Y39
Y0A	10	10	Y1A	10	10	Y3A
Y0B	9	9	Y1B	9	9	Y3B
Y0C	8	8	Y1C	8	8	Y3C
Y0D	7	7	Y1D	7	7	Y3D
Y0E	6	6	Y1E	6	6	Y3E
Y0F	5	5	Y1F	5	5	Y3F
	4	4		4	4	
	3	3		3	3	
DC12/24V_B	2	2	OV_B	DC12/24V_B	2	OV_B
DC12/24V_A	1	1	OV_A	DC12/24V_A	1	OV_A

FCN Male 40-Core

For A61LS

Product Page
●1011 - 1012

Input / Output Connector (Custom No.)**X-PLC0055**

Signal Name	B	A	Signal Name
A1	1	1	B5
A2	2	2	B6
	3	3	B7
	4	4	B8
A5	5	5	B9
A6	6	6	B10
A7	7	7	B11
A8	8	8	B12
A9	9	9	B13
A10	10	10	B14
A11	11	11	B15
A12	12	12	B16
A13	13	13	B17
A14	14	14	B18
A15	15	15	B19
A16	16	16	B20
A17	17	17	
A18	18	18	
A19	19	19	
A20	20	20	

FCN Male 40-Core

* Since the signal name of this item is complex, the mark tube is printed with connector pin numbers.

For AY42-S4

Product Page
●1011 - 1012

Output Connector 1 (Custom No.)**X-PLC0045** Output Connector 2 (Custom No.)**X-PLC0046**

Signal Name	B	A	Signal Name	B	A	Signal Name
Y00	20	20	Y20	20	20	Y30
Y01	19	19	Y21	19	19	Y31
Y02	18	18	Y22	18	18	Y32
Y03	17	17	Y23	17	17	Y33
Y04	16	16	Y24	16	16	Y34
Y05	15	15	Y25	15	15	Y35
Y06	14	14	Y26	14	14	Y36
Y07	13	13	Y27	13	13	Y37
Y08	12	12	Y28	12	12	Y38
Y09	11	11	Y29	11	11	Y39
Y0A	10	10	Y2A	10	10	Y3A
Y0B	9	9	Y2B	9	9	Y3B
Y0C	8	8	Y2C	8	8	Y3C
Y0D	7	7	Y2D	7	7	Y3D
Y0E	6	6	Y2E	6	6	Y3E
Y0F	5	5	Y2F	5	5	Y3F
	4	4		4	4	
	3	3		3	3	
COM1_B	2	2	COM2_B	2	2	
COM1_A	1	1	COM2_A	1	1	

FCN Male 40-Core

For AY72

Product Page
●1011 - 1012

Output Connector 1 (Custom No.)**X-PLC0047** Output Connector 2 (Custom No.)**X-PLC0048**

Signal Name	B	A	Signal Name	B	A	Signal Name
Y00	20	20	Y20	20	20	Y30
Y01	19	19	Y21	19	19	Y31
Y02	18	18	Y22	18	18	Y32
Y03	17	17	Y23	17	17	Y33
Y04	16	16	Y24	16	16	Y34
Y05	15	15	Y25	15	15	Y35
Y06	14	14	Y26	14	14	Y36
Y07	13	13	Y27	13	13	Y37
Y08	12	12	Y28	12	12	Y38
Y09	11	11	Y29	11	11	Y39
Y0A	10	10	Y2A	10	10	Y3A
Y0B	9	9	Y2B	9	9	Y3B
Y0C	8	8	Y2C	8	8	Y3C
Y0D	7	7	Y2D	7	7	Y3D
Y0E	6	6	Y2E	6	6	Y3E
Y0F	5	5	Y2F	5	5	Y3F
	4	4		4	4	
	3	3		3	3	
DC5/12V_B	2	2	OV_B	DC5/12V_B	2	OV_B
DC5/12V_A	1	1	OV_A	DC5/12V_A	1	OV_A

FCN Male 40-Core

For A63LS

Product Page
●1011 - 1012

Input / Output Connector (Custom No.)**X-PLC0056**

Signal Name	B	A	Signal Name
B12	12	12	A12
B11	11	11	A11
B10	10	10	A10
B9	9	9	A9
B8	8	8	A8
B7	7	7	A7
B6	6	6	A6
B5	5	5	A5
B4	4	4	A4
B3	3	3	A3
B2	2	2	A2
B1	1	1	A1

FCN Male 24-Core

* Since the signal name of this item is complex, the mark tube is printed with connector pin numbers.

For AX82

Product Page
●1011 - 1012

Input Connector 1 (Custom No.)**X-PLC0041** Output Connector 2 (Custom No.)**X-PLC0042**

Signal Name	B	A	Signal Name	B	A	Signal Name
X00	20	1	X20	20	1	X30
X01	21	2	X21	21	2	X31
X02	22	3	X22	22	3	X32
X03	23	4	X23	23	4	X33
X04	24	5	X24	24	5	X34
X05	25	6	X25	25	6	X35
X06	26	7	X26	26	7	X36
X07	27	8	X27	27	8	X37
X08	28	9	X28	28	9	X38
X09	29	10	X29	29	10	X39
X10	30	11	X30	30	11	X40
X11	31	12	X31	31	12	X41
X12	32	13	X32	32	13	X42
X13	33	14	X33	33	14	X43
X14	34	15	X34	34	15	X44
X15	35	16	X35	35	16	X45
X16	36	17	X36	36	17	X46
X17	37	18	X37	37	18	X47
X18	38	19	X38	38	19	X48
X19	39	20	X39	39	20	X49
X20	40	21	X40	40	21	X50
X21	41	22	X41	41	22	X51
X22	42	23	X42	42	23	X52
X23	43	24	X43	43	24	X53
X24	44	25	X44	44	25	X54
X25	45	26	X45	45	26	X55
X26	46	27	X46	46	27	X56
X27	47	28	X47	47	28	X57
X28	48	29	X48	48	29	X58
X29	49	30	X49	49	30	X59
X30	50	31	X50	50	31	X60
X31	51	32	X51	51	32	X61
X32	52	33	X52	52	33	X62
X33	53	34	X53	53	34	X63
X34	54	35	X54	54	35	X64
X35	55	36	X55	55	36	X65
X36	56	37	X56	56	37	X66
X37	57	38	X57	57	38	X67
X38	58	39	X58	58	39	X68
X39	59	40	X59	59	40	X69
X40	60	41	X60	60	41	X70
X41	61	42	X61	61	42	X71
X42	62	43	X62	62	43	X72
X43	63	44	X63	63	44	X73
X44	64	45	X64	64	45	X74
X45	65	46	X65	65	46	X75
X46	66	47	X66	66	47	X76
X47	67	48	X67	67	48	X77
X48	68	49	X68	68	49	X78
X49	69	50	X69	69	50	X79
X50	70	51	X70	70	51	X80
X51	71	52	X71	71	52	X81
X52	72	53	X72	72	53	X82
X53	73	54	X73	73	54	X83
X54	74	55	X74	74	55	X84
X55	75	56	X75	75	56	X85
X56	76	57	X76	76	57	X86
X57	77	58	X77	77	58	X87
X58	78	59	X78	78	59	X88
X59	79	60	X79	79	60	X89
X60	80	61	X80	80	61	X90
X61	81	62	X81	81	62	X91
X62	82	63	X82	82	63	X92
X63	83	64	X83	83	64	X93
X64	84	65	X84	84	65	X94
X65	85	66	X85	85	66	X95
X66	86	67	X86	86	67	X96
X67	87	68	X87	87	68	X97
X68	88	69	X88	88	69	X98
X69	89	70	X89	89	70	X99
X70	90	71	X90	90	71	X100
X71	91	72	X91	91	72	X101
X72	92	73	X92	92	73	X102
X73	93	74	X93	93	74	X103
X74	94	75	X94	94	75	X104
X75	95	76	X95	95	76	X105
X76	96	77	X96	96	77	X106
X77	97	78	X97	97	78	X107
X78	98	79	X98	98	79	X108
X79	99	80	X99	99	80	X109
X80	100	81	X100	100	81	X110
X81	101	82	X101	101	82	X111
X82	102	83	X102	102	83	X112
X83	103	84	X103	103	84	X113
X84	104	85	X104	104	85	X114
X85	105	86	X105	105	86	X115
X86	106	87	X106	106	87	X116
X87	107	88	X107	107	88	X117
X88	108	89	X108	108	89	X118
X89	109	90	X109	109	90	X119
X90	110	91	X110	110	91	X120
X91	111	92	X111	111	92	X121
X92	112	93	X112	112	93	X122
X93	113	94	X113	113	94	X123
X94	114	95	X114	11		

▼ Mitsubishi A Series Supported Harness Pin Assignment (Mark Tube Printing) Figure

For AH42

Product Page
●1011 ~ 1012

Input Connector
 (Custom No.)X-PLC0051

Output Connector
 (Custom No.)X-PLC0052

Signal Name	B	A	Signal Name	B	A	Signal Name	B	A
X00	20	20	X10	20	20	X30	20	20
X01	19	19	X11	19	19	X31	19	19
X02	18	18	X12	18	18	X32	18	18
X03	17	17	X13	17	17	X33	17	17
X04	16	16	X14	16	16	X34	16	16
X05	15	15	X15	15	15	X35	15	15
X06	14	14	X16	14	14	X36	14	14
X07	13	13	X17	13	13	X37	13	13
X08	12	12	X18	12	12	X38	12	12
X09	11	11	X19	11	11	X39	11	11
X0A	10	10	X1A	10	10	X3A	10	10
X0B	9	9	X1B	9	9	X3B	9	9
X0C	8	8	X1C	8	8	X3C	8	8
X0D	7	7	X1D	7	7	X3D	7	7
X0E	6	6	X1E	6	6	X3E	6	6
X0F	5	5	X1F	5	5	X3F	5	5
	4	4		4	4		4	4
	3	3		3	3		3	3
DC12/24V_B	2	2	DC12/24V_B	2	2	COM_B	2	2
DC12/24V_A	1	1	DC12/24V_A	1	1	COM_A	1	1

FCN Male 40-Core

For AD75M1/AD75M2/AD75M3

Product Page
●1011 ~ 1012

Input / Output Connector
 (Custom No.)X-PLC0054

Signal Name	B	A	Signal Name	B	A
	1	1		1	1
	2	2		2	2
	3	3		3	3
	4	4		4	4
	5	5		5	5
	6	6		6	6
	7	7		7	7
	8	8		8	8
PULSE_A+	9	27	PULSE_A-	9	27
PULSE_B+	10	28	PULSE_B-	10	28
DOG	11	29			
FLS	12	30			
RLS	13	31			
STOP	14	32			
CMG	15	33			
STRT	16	34			
	17	35	COM_A	17	35
	18	36	COM_B	18	36

IEEE 1284 Half Pitch Female 36-Core
* All connectors common

**For A1SX41/A1SX41-S1/
A1SX41-S2/A1SX71**

Product Page
●1011 ~ 1012

Input Connector
 (Custom No.)X-PLC0057

Signal Name	B	A	Signal Name	B	A
X00	20	20	X10	20	20
X01	19	19	X11	19	19
X02	18	18	X12	18	18
X03	17	17	X13	17	17
X04	16	16	X14	16	16
X05	15	15	X15	15	15
X06	14	14	X16	14	14
X07	13	13	X17	13	13
X08	12	12	X18	12	12
X09	11	11	X19	11	11
X0A	10	10	X1A	10	10
X0B	9	9	X1B	9	9
X0C	8	8	X1C	8	8
X0D	7	7	X1D	7	7
X0E	6	6	X1E	6	6
X0F	5	5	X1F	5	5
	4	4		4	4
	3	3		3	3
COM_B	2	2	COM_B	2	2
COM_A	1	1	COM_A	1	1

FCN Male 40-Core

For A1SX42/A1SX42-S1/A1SX42-S2/A1SX82-S1

Product Page
●1011 ~ 1012

Input Connector 1
 (Custom No.)X-PLC0058

Input Connector 2
 (Custom No.)X-PLC0059

Signal Name	B	A	Signal Name	B	A	Signal Name	B	A
X00	20	20	X10	20	20	X30	20	20
X01	19	19	X11	19	19	X31	19	19
X02	18	18	X12	18	18	X32	18	18
X03	17	17	X13	17	17	X33	17	17
X04	16	16	X14	16	16	X34	16	16
X05	15	15	X15	15	15	X35	15	15
X06	14	14	X16	14	14	X36	14	14
X07	13	13	X17	13	13	X37	13	13
X08	12	12	X18	12	12	X38	12	12
X09	11	11	X19	11	11	X39	11	11
X0A	10	10	X1A	10	10	X3A	10	10
X0B	9	9	X1B	9	9	X3B	9	9
X0C	8	8	X1C	8	8	X3C	8	8
X0D	7	7	X1D	7	7	X3D	7	7
X0E	6	6	X1E	6	6	X3E	6	6
X0F	5	5	X1F	5	5	X3F	5	5
	4	4		4	4		4	4
	3	3		3	3		3	3
COM1_B	2	2	COM2_B	2	2	COM2_B	2	2
COM1_A	1	1	COM2_A	1	1	COM2_A	1	1

FCN Male 40-Core

For A1S42X

Product Page
●1011 ~ 1012

Input Connector
 (Custom No.)X-PLC0060

Signal Name	B	A	Signal Name	B	A
X00	12	12	XD1	12	12
X02	11	11	XD3	11	11
X04	10	10	XD5	10	10
X06	9	9	XD7	9	9
XSCN0	8	8	XSCN1	8	8
XSCN2	7	7	XSCN3	7	7
XSCN4	6	6	XSCN5	6	6
XSCN6	5	5	XSCN7	5	5
	4	4		4	4
DC12/24V_B	3	3	DC12/24V_A	3	3
OV_B	2	2	OV_A	2	2
FG_B	1	1	FG_A	1	1

FCN Male 24-Core

For A1SX81/A1SX81-S2

Product Page
●1011 ~ 1012

Input Connector
 (Custom No.)X-PLC0061

Signal Name	B	A	Signal Name	B	A
X01	20	1	X00	20	1
X02	21	2	X02	21	2
X03	22	3	X04	22	3
X05	23	4	X06	23	4
X07	24	5	X08	24	5
X08	25	6	X0A	25	6
X09	26	7	X0C	26	7
X0F	27	8	X0E	27	8
X11	28	9	X10	28	9
X13	29	10	X12	29	10
X15	30	11	X14	30	11
X17	31	12	X16	31	12
X19	32	13	X18	32	13
X1B	33	14	X1A	33	14
X1D	34	15	X1C	34	15
X1F	35	16	X1E	35	16
	36	17	COM_A	36	17
	37	18	COM_B	37	18
		19			19

Dsub Male 37-Core

**For A1SY81/
A1SY81EP**

Product Page
●1011 ~ 1012

Output Connector
 (Custom No.)X-PLC0067

Signal Name	B	A	Signal Name	B	A
Y01	20	1	Y00	20	1
Y03	21	2	Y02	21	2
Y05	22	3	Y04	22	3
Y07	23	4	Y06	23	4
Y09	24	5	Y08	24	5
Y0B	25	6	Y0A	25	6
Y0D	26	7	Y0C	26	7
Y0F	27	8	Y0E	27	8
Y11	28	9	Y10	28	9
Y13	29	10	Y12	29	10
Y15	30	11	Y14	30	11
Y17	31	12	Y16	31	12
Y19	32	13	Y18	32	13
Y1B	33	14	Y1A	33	14
Y1D	34	15	Y1C	34	15
Y1F	35	16	Y1E	35	16
	36	17	COM_A	36	17
	37	18	COM_B	37	18
COM_C			COM_A		
OV_B			OV_A		

D-sub Male 37-Core

For A1S42Y

Product Page
●1011 ~ 1012

Output Connector
 (Custom No.)X-PLC0062

Signal Name	B	A	Signal Name	B	A
Y00	12	12	YD1	12	12
Y02	11	11	YD3	11	11
Y04	10	10	YD5	10	10
Y06	9	9	YD7	9	9
YSCN0	8	8	YSCN1	8	8
YSCN2	7	7	YSCN3	7	7
YSCN4	6	6	YSCN5	6	6
YSCN6	5	5	YSCN7	5	5
	4	4		4	4
DC12/24V_B	3	3	DC12/24V_A	3	3
OV_B	2	2	OV_A	2	2
	1	1		1	1

FCN Male 24-Core

For A1SY41

Product Page
●1011 ~ 1012

Output Connector
 (Custom No.)X-PLC0063

Signal Name	B	A	Signal Name	B	A
Y00	20	20	Y10	20	20
Y01	19	19	Y11	19	19
Y02	18	18	Y12	18	18
Y03	17	17	Y13	17	17
Y04	16	16	Y14	16	16
Y05	15	15	Y15	15	15
Y06	14	14	Y16	14	14
Y07	13	13	Y17	13	13
Y08	12	12	Y18	12	12
Y09	11	11	Y19	11	11
Y0A	10	10	Y1A	10	10
Y0B	9	9	Y1B	9	9
Y0C	8	8	Y1C	8	8
Y0D	7	7	Y1D	7	7
Y0E	6	6	Y1E	6	6
Y0F	5	5	Y1F	5	5
	4	4		4	4
	3	3		3	3
DC12/24V_B	2	2	COM_B	2	2
DC12/24V_A	1	1	COM_A	1	1

FCN Male 40-Core

For A1SY42/A1SY42P

Product Page
●1011 ~ 1012

Output Connector 1
 (Custom No.)X-PLC0064

Output Connector 1
 (Custom No.)X-PLC0065

Signal Name	B	A	Signal Name	B	A	Signal Name	B	A
Y00	20	20	Y10	20	20	Y30	20	20
Y01	19	19	Y11	19	19	Y31	19	19
Y02	18	18	Y12	18	18	Y32	18	18
Y03	17	17	Y13	17	17	Y33	17	17
Y04	16	16	Y14	16	16	Y34	16	16
Y05	15	15	Y15	15	15	Y35	15	15
Y06	14	14	Y16	14	14	Y36	14	14
Y07	13	13	Y17	13	13	Y37	13	13
Y08	12	12	Y18	12	12	Y38	12	12
Y09	11	11	Y19	11	11	Y39	11	11
Y0A	10	10	Y1A	10	10	Y3A	10	10
Y0B	9	9	Y1B	9	9	Y3B	9	9
Y0C	8	8	Y1C	8	8	Y3C	8	8
Y0D	7	7	Y1D	7	7	Y3D	7	7
Y0E	6	6	Y1E	6	6	Y3E	6	6
Y0F	5	5	Y1F	5	5	Y3F	5	5
	4	4		4	4		4	4
	3	3		3	3		3	3
DC12/24V_B	2	2	COM1_B	2	2	DC12/24V_B	2	2
DC12/24V_A	1	1	COM1_A	1	1	DC12/24V_A	1	1

FCN Male 40-Core

* When ordering, put the custom No. at the end of the part number. (See the product page for the part number)
* Be sure to confirm the signal name upon placing an order as it may slightly differ from the PLC manufacturer manual, in order to distinguish identical signal names.
 Pins with no signal name are not connected. Cables are selected according to the number of required pins.

For A1SY71		
Product Page 1011 - 1012		
Output Connector (Custom No.)X-PLC0066		
Signal Name	B A	Signal Name
Y00	20 20	Y10
Y01	19 19	Y11
Y02	18 18	Y12
Y03	17 17	Y13
Y04	16 16	Y14
Y05	15 15	Y15
Y06	14 14	Y16
Y07	13 13	Y17
Y08	12 12	Y18
Y09	11 11	Y19
Y0A	10 10	Y1A
Y0B	9 9	Y1B
Y0C	8 8	Y1C
Y0D	7 7	Y1D
Y0E	6 6	Y1E
Y0F	5 5	Y1F
	4 4	
	3 3	
DC512V_B	2 2	COM_B
DC512V_A	1 1	COM_A

FCN Male 40-Core

For A1SY82					
Product Page 1011 - 1012					
Output Connector 1 (Custom No.)X-PLC0068	Output Connector 2 (Custom No.)X-PLC0069				
Signal Name	B A	Signal Name	Signal Name	B A	Signal Name
Y00	20 20	Y10	Y20	20 20	Y30
Y01	19 19	Y11	Y21	19 19	Y31
Y02	18 18	Y12	Y22	18 18	Y32
Y03	17 17	Y13	Y23	17 17	Y33
Y04	16 16	Y14	Y24	16 16	Y34
Y05	15 15	Y15	Y25	15 15	Y35
Y06	14 14	Y16	Y26	14 14	Y36
Y07	13 13	Y17	Y27	13 13	Y37
Y08	12 12	Y18	Y28	12 12	Y38
Y09	11 11	Y19	Y29	11 11	Y39
Y0A	10 10	Y1A	Y2A	10 10	Y3A
Y0B	9 9	Y1B	Y2B	9 9	Y3B
Y0C	8 8	Y1C	Y2C	8 8	Y3C
Y0D	7 7	Y1D	Y2D	7 7	Y3D
Y0E	6 6	Y1E	Y2E	6 6	Y3E
Y0F	5 5	Y1F	Y2F	5 5	Y3F
	4 4			4 4	
	3 3			3 3	
COM1_B	2 2	OV_B	COM2_B	OV_B	
COM1_A	1 1	OV_A	COM2_A	OV_A	

FCN Male 40-Core

For A1SH42					
Product Page 1011 - 1012					
Input Connector (Custom No.)X-PLC0070	Output Connector (Custom No.)X-PLC0071				
Signal Name	B A	Signal Name	Signal Name	B A	Signal Name
X00	20 20	X10	Y00	20 20	Y10
X01	19 19	X11	Y01	19 19	Y11
X02	18 18	X12	Y02	18 18	Y12
X03	17 17	X13	Y03	17 17	Y13
X04	16 16	X14	Y04	16 16	Y14
X05	15 15	X15	Y05	15 15	Y15
X06	14 14	X16	Y06	14 14	Y16
X07	13 13	X17	Y07	13 13	Y17
X08	12 12	X18	Y08	12 12	Y18
X09	11 11	X19	Y09	11 11	Y19
X0A	10 10	X1A	Y0A	10 10	Y1A
X0B	9 9	X1B	Y0B	9 9	Y1B
X0C	8 8	X1C	Y0C	8 8	Y1C
X0D	7 7	X1D	Y0D	7 7	Y1D
X0E	6 6	X1E	Y0E	6 6	Y1E
X0F	5 5	X1F	Y0F	5 5	Y1F
	4 4			4 4	
	3 3			3 3	
DC12/24V_B	2 2		DC12/24V_B	2 2	COM2_B
DC12/24V_A	1 1		DC12/24V_A	1 1	COM2_A

FCN Male 40-Core

For A1SH42-S1					
Product Page 1011 - 1012					
Input Connector (Custom No.)X-PLC0072	Output Connector (Custom No.)X-PLC0073				
Signal Name	B A	Signal Name	Signal Name	B A	Signal Name
X00	20 20	X10	Y00	20 20	Y10
X01	19 19	X11	Y01	19 19	Y11
X02	18 18	X12	Y02	18 18	Y12
X03	17 17	X13	Y03	17 17	Y13
X04	16 16	X14	Y04	16 16	Y14
X05	15 15	X15	Y05	15 15	Y15
X06	14 14	X16	Y06	14 14	Y16
X07	13 13	X17	Y07	13 13	Y17
X08	12 12	X18	Y08	12 12	Y18
X09	11 11	X19	Y09	11 11	Y19
X0A	10 10	X1A	Y0A	10 10	Y1A
X0B	9 9	X1B	Y0B	9 9	Y1B
X0C	8 8	X1C	Y0C	8 8	Y1C
X0D	7 7	X1D	Y0D	7 7	Y1D
X0E	6 6	X1E	Y0E	6 6	Y1E
X0F	5 5	X1F	Y0F	5 5	Y1F
	4 4			4 4	
	3 3			3 3	
DC12/24V_B	2 2		DC12/24V_B	2 2	COM2_B
DC12/24V_A	1 1		DC12/24V_A	1 1	COM2_A

FCN Male 40-Core

For A1S62LS		
Product Page 1011 - 1012		
Input / Output Connector (Custom No.)X-PLC0076		
Signal Name	B A	Signal Name
B12	12 12	A12
B11	11 11	A11
B10	10 10	A10
B9	9 9	A9
B8	8 8	A8
B7	7 7	A7
B6	6 6	A6
B5	5 5	A5
B4	4 4	
B3	3 3	
B2	2 2	A2
B1	1 1	A1

FCN Male 24-Core

* Since the signal name of this item is complex, the mark tube is printed with connector pin numbers.

For A172SENC		
Product Page 1011 - 1012		
Input / Output Connector (Custom No.)X-PLC0077		
Signal Name	A B	Signal Name
BRK.COM	1 1	COM_A
BRK	2 2	COM_B
	3 3	
	4 4	TRA
PXF1F	5 5	PXF
PXE1E	6 6	PXE
PXD1D	7 7	PXD
PXC1C	8 8	PXC
PXB1B	9 9	PXB
PXA1A	10 10	PXA
PX19	11 11	PX9
PX18	12 12	PX8
PX17	13 13	PX7
PX16	14 14	PX6
PX15	15 15	PX5
PX14	16 16	PX4
PX13	17 17	PX3
PX12	18 18	PX2
PX11	19 19	PX1
PX10	20 20	PX0

FCN Male 40-Core

For A1SD75P1-S3/A1SD75P2-S3/A1SD75P3-S3		
Product Page 1011 - 1012		
Input / Output Connector (Custom No.)X-PLC0074		
Signal Name		Signal Name
COM_C	18	
COM_B	15 17	
	16	STRT
	15	CHG
	14	STOP
	13	RLS
	12	FLS
	11	DOG
PULSER_B	28	PULSE_B-
PULSER_A	27	PULSE_A+
COM_A	26	INPS
PGD.COM	25	READY
PGD(SW)	24	PGD(24V)
CLEAR.COM	23	CLEAR
PULSE_R	22	PULSE_R+
PULSE_F	21	PULSE_F+
PULSE.COM_B	20	PULSE_R
PULSE.COM_A	19	PULSE_F

IEEE 1284 Half Pitch Female 36-Core
* All connectors common

For A1SD75M1/A1SD75M2/A1SD75M3		
Product Page 1011 - 1012		
Input / Output Connector (Custom No.)X-PLC0075		
Signal Name		Signal Name
COM_B	18	
COM_A	15 17	
	16	STRT
	15	CHG
	14	STOP
	13	RLS
	12	FLS
	11	DOG
PULSER_B	28	PULSE_B-
PULSER_A	27	PULSE_A+
	26	
	25	
	24	
	23	
	22	
	21	
	20	
	19	

IEEE 1284 Half Pitch Female 36-Core
* All connectors common

* When ordering, put the custom No. at the end of the part number. (See the product page for the part number)
* Be sure to confirm the signal name upon placing an order as it may slightly differ from the PLC manufacturer manual, in order to distinguish identical signal names.
Pins with no signal name are not connected. Cables are selected according to the number of required pins.