

Custom No. Connection / Printing Table

Custom No. for PLC Supported Cable

▼ Mitsubishi Q Series Supported Cable Pin Assignment (Mark Tube Printing) Figure

For QX41 / QX41-S1 / QX71

GPN-Q7Y/GPN-Q7T
(Custom No.) X-PLC0001

Input Connector

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

FCN Male 40-Core

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For QX42 / QX42-S1 / QX72 / QX82 / QX82-S1

GPN-Q7Y/GPN-Q7T/GPN-Q8Y/GPN-Q8T (Custom No.) X-PLC0003				GPN-Q7Y/GPN-Q7T/GPN-Q9Y/GPN-Q9T (Custom No.) X-PLC0004			
Input Connector 1				Input Connector 2			
Signal Name	B	A	Signal Name	Signal Name	B	A	Signal Name
X00	20	20	X10	X20	20	20	X30
X01	19	19	X11	X21	19	19	X31
X02	18	18	X12	X22	18	18	X32
X03	17	17	X13	X23	17	17	X33
X04	16	16	X14	X24	16	16	X34
X05	15	15	X15	X25	15	15	X35
X06	14	14	X16	X26	14	14	X36
X07	13	13	X17	X27	13	13	X37
X08	12	12	X18	X28	12	12	X38
X09	11	11	X19	X29	11	11	X39
X0A	10	10	X1A	X2A	10	10	X3A
X0B	9	9	X1B	X2B	9	9	X3B
X0C	8	8	X1C	X2C	8	8	X3C
X0D	7	7	X1D	X2D	7	7	X3D
X0E	6	6	X1E	X2E	6	6	X3E
X0F	5	5	X1F	X2F	5	5	X3F
	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

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For QH42P

GPN-Q26Y/GPN-Q26T (Custom No.) X-PLC0010				GPN-Q27Y/GPN-Q27T (Custom No.) X-PLC0011			
Input Connector				Output Connector			
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	
COM_B	2	2		12/24VDC_B	2	2	COM_B
COM_A	1	1		12/24VDC_A	1	1	COM_A

FCN Male 40-Core

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For QX81

GP□-Q63Y/GP□-Q63T
(Custom No.) X-PLC0002

Input Connector

Signal Name	B	A	Signal Name
COM_B	18	37	COM_C
COM_A	17	36	X1F
X1E	16	35	X1D
X1C	15	34	X1B
X1A	14	33	X19
X18	13	32	X17
X16	12	31	X15
X14	11	30	X13
X12	10	29	X11
X10	9	28	X0F
X0E	8	27	X0D
X0C	7	26	X0B
X0A	6	25	X09
X08	5	24	X07
X06	4	23	X05
X04	3	22	X03
X02	2	21	X01
X00	1	20	

D-sub Male 37-Core

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For QY81P

GP□-Q64Y/GP□-Q64T
(Custom No.) X-PLC0007

Output Connector

Signal Name	B	A	Signal Name
OV_A	19	37	OV_B
COM_B	18	36	COM_C
COM_A	17	35	Y1F
Y1E	16	34	Y1D
Y1C	15	33	Y1B
Y1A	14	32	Y19
Y18	13	31	Y17
Y16	12	30	Y15
Y14	11	29	Y13
Y12	10	28	Y11
Y10	9	27	Y0F
Y0E	8	26	Y0D
Y0C	7	25	Y0B
Y0A	6	24	Y09
Y08	5	23	Y07
Y06	4	22	Y05
Y04	3	21	Y03
Y02	2	20	Y01
	1		

D-sub Male 37-Core

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For QY41P

GPN-Q22Y/GPN-Q22Y/GPN-Q22T
(Custom No.) X-PLC0005

Output Connector

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	
12/24VDC_B	2	2	COM_B
12/24VDC_A	1	1	COM_A

FCN Male 40-Core

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*When ordering, put the custom No. at the end of the model number. (See the product page for the model 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.