

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

For QD75D2		
GPN-Q38Y/GPN-Q38T		
(Custom No.) X-PLC0020		
Input / Output Connector		
Signal Name	B A	Signal Name
PULSERB-	20 20	PULSERB+
PULSER-	19 19	PULSER+
PULSER+_B	18 18	PULSER+_A
PULSER+_B	17 17	PULSER+_A
PULSER+_B	16 16	PULSER+_A
PULSER+_B	15 15	PULSER+_A
CLRCOM_B	14 14	CLRCOM_A
CLEAR_B	13 13	CLEAR_A
RDYCOM_B	12 12	RDYCOM_A
READY_B	11 11	READY_A
PGOCOM_B	10 10	PGOCOM_A
PGOS_B	9 9	PGOS_A
PGO24_B	8 8	PGO24_A
COM_B2	7 7	COM_A2
COM_B1	6 6	COM_A1
CHG_B	5 5	CHG_A
STOP_B	4 4	STOP_A
DOG_B	3 3	DOG_A
RLS_B	2 2	RLS_A
FLS_B	1 1	FLS_A

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For QD75D4		
GPN-Q42Y/GPN-Q42T		
(Custom No.) X-PLC0022		
Input / Output Connector 2		
Signal Name	B A	Signal Name
PULSERB-	20 20	PULSERB+
PULSER-	19 19	PULSER+
PULSER+_B	18 18	PULSER+_A
PULSER+_B	17 17	PULSER+_A
PULSER+_B	16 16	PULSER+_A
PULSER+_B	15 15	PULSER+_A
CLRCOM_B	14 14	CLRCOM_A
CLEAR_B	13 13	CLEAR_A
RDYCOM_B	12 12	RDYCOM_A
READY_B	11 11	READY_A
PGOCOM_B	10 10	PGOCOM_A
PGOS_B	9 9	PGOS_A
PGO24_B	8 8	PGO24_A
COM_B2	7 7	COM_A2
COM_B1	6 6	COM_A1
CHG_B	5 5	CHG_A
STOP_B	4 4	STOP_A
DOG_B	3 3	DOG_A
RLS_B	2 2	RLS_A
FLS_B	1 1	FLS_A

FCN Male 40-Core
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For QD75M1		
GPN-Q43Y/GPN-Q43T		
(Custom No.) X-PLC0032		
Input / Output Connector 1		
Signal Name	B A	Signal Name
PULSERB-	20 20	PULSERB+
PULSER-	19 19	PULSER+
PULSER+_B	18 18	PULSER+_A
PULSER+_B	17 17	PULSER+_A
PULSER+_B	16 16	PULSER+_A
PULSER+_B	15 15	PULSER+_A
CLRCOM_B	14 14	CLRCOM_A
CLEAR_B	13 13	CLEAR_A
RDYCOM_B	12 12	RDYCOM_A
READY_B	11 11	READY_A
PGOCOM_B	10 10	PGOCOM_A
PGOS_B	9 9	PGOS_A
PGO24_B	8 8	PGO24_A
COM_B2	7 7	COM_A2
COM_B1	6 6	COM_A1
CHG_B	5 5	CHG_A
STOP_B	4 4	STOP_A
DOG_B	3 3	DOG_A
RLS_B	2 2	RLS_A
FLS_B	1 1	FLS_A

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For QD75M2		
GPN-Q44Y/GPN-Q44T		
(Custom No.) X-PLC0024		
Input / Output Connector		
Signal Name	B A	Signal Name
PULSERB-	20 20	PULSERB+
PULSER-	19 19	PULSER+
PULSER+_B	18 18	PULSER+_A
PULSER+_B	17 17	PULSER+_A
PULSER+_B	16 16	PULSER+_A
PULSER+_B	15 15	PULSER+_A
CLRCOM_B	14 14	CLRCOM_A
CLEAR_B	13 13	CLEAR_A
RDYCOM_B	12 12	RDYCOM_A
READY_B	11 11	READY_A
PGOCOM_B	10 10	PGOCOM_A
PGOS_B	9 9	PGOS_A
PGO24_B	8 8	PGO24_A
COM_B2	7 7	COM_A2
COM_B1	6 6	COM_A1
CHG_B	5 5	CHG_A
STOP_B	4 4	STOP_A
DOG_B	3 3	DOG_A
RLS_B	2 2	RLS_A
FLS_B	1 1	FLS_A

FCN Male 40-Core
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For QD62		
GPN-Q47Y/GPN-Q47T		
(Custom No.) X-PLC0027		
QD62 Connector		
Signal Name	B A	Signal Name
B20	20 20	A20
B19	19 19	A19
B18	18 18	A18
B17	17 17	A17
B16	16 16	A16
B15	15 15	A15
B14	14 14	A14
B13	13 13	A13
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 40-Core
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For QD75M4		
GPN-Q46Y/GPN-Q46T		
(Custom No.) X-PLC0026		
Input / Output Connector 2		
Signal Name	B A	Signal Name
PULSERB-	20 20	PULSERB+
PULSER-	19 19	PULSER+
PULSER+_B	18 18	PULSER+_A
PULSER+_B	17 17	PULSER+_A
PULSER+_B	16 16	PULSER+_A
PULSER+_B	15 15	PULSER+_A
CLRCOM_B	14 14	CLRCOM_A
CLEAR_B	13 13	CLEAR_A
RDYCOM_B	12 12	RDYCOM_A
READY_B	11 11	READY_A
PGOCOM_B	10 10	PGOCOM_A
PGOS_B	9 9	PGOS_A
PGO24_B	8 8	PGO24_A
COM_B2	7 7	COM_A2
COM_B1	6 6	COM_A1
CHG_B	5 5	CHG_A
STOP_B	4 4	STOP_A
DOG_B	3 3	DOG_A
RLS_B	2 2	RLS_A
FLS_B	1 1	FLS_A

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For QD75M4		
GPN-Q45Y/GPN-Q45T		
(Custom No.) X-PLC0025		
Input / Output Connector 1		
Signal Name	B A	Signal Name
PULSERB-	20 20	PULSERB+
PULSER-	19 19	PULSER+
PULSER+_B	18 18	PULSER+_A
PULSER+_B	17 17	PULSER+_A
PULSER+_B	16 16	PULSER+_A
PULSER+_B	15 15	PULSER+_A
CLRCOM_B	14 14	CLRCOM_A
CLEAR_B	13 13	CLEAR_A
RDYCOM_B	12 12	RDYCOM_A
READY_B	11 11	READY_A
PGOCOM_B	10 10	PGOCOM_A
PGOS_B	9 9	PGOS_A
PGO24_B	8 8	PGO24_A
COM_B2	7 7	COM_A2
COM_B1	6 6	COM_A1
CHG_B	5 5	CHG_A
STOP_B	4 4	STOP_A
DOG_B	3 3	DOG_A
RLS_B	2 2	RLS_A
FLS_B	1 1	FLS_A

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For QD62D		
GPN-Q48Y/GPN-Q48T		
(Custom No.) X-PLC0028		
Input / Output Connector		
Signal Name	B A	Signal Name
B20	20 20	A20
B19	19 19	A19
B18	18 18	A18
B17	17 17	A17
B16	16 16	A16
B15	15 15	A15
B14	14 14	A14
B13	13 13	A13
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

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For QD62E		
GPN-Q49Y/GPN-Q49T		
(Custom No.) X-PLC0029		
Input / Output Connector		
Signal Name	B A	Signal Name
B20	20 20	A20
B19	19 19	A19
B18	18 18	A18
B17	17 17	A17
B16	16 16	A16
B15	15 15	A15
B14	14 14	A14
B13	13 13	A13
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

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For Q172LX		
GPN-Q49T/GPN-Q49Y/GPN-Q52Y/GPN-Q52T		
(Custom No.) X-PLC0030		
Input / Output Connector		
Signal Name	B A	Signal Name
FLS1	20 20	FLS5
RLS1	19 19	RLS5
STOP1	18 18	STOP5
DOG1/CHANGE1	17 17	DOG5/CHANGE5
FLS2	16 16	FLS6
RLS2	15 15	RLS6
STOP2	14 14	STOP6
DOG2/CHANGE2	13 13	DOG6/CHANGE6
FLS3	12 12	FLS7
RLS3	11 11	RLS7
STOP3	10 10	STOP7
DOG3/CHANGE3	9 9	DOG7/CHANGE7
FLS4	8 8	FLS8
RLS4	7 7	RLS8
STOP4	6 6	STOP8
DOG4/CHANGE4	5 5	DOG8/CHANGE8
COM_B	4 4	COM_A
COM_A	3 3	COM_B
FLS_B	2 2	FLS_A
FLS_A	1 1	FLS_B

FCN Male 40-Core
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For Q173PX		
GPN-Q49T/GPN-Q49Y/GPN-Q53Y/GPN-Q53T		
(Custom No.) X-PLC0037		
Input / Output Connector		
Signal Name	B A	Signal Name
HB1	20 20	HA1
SG_F	19 19	SG_C
SV	18 18	HPSEL1
HA1N	17 17	HK1P
HB1N	16 16	HB1P
HB2	15 15	HA2
SG_E	14 14	SG_B
SV	13 13	HPSEL2
HA2N	12 12	HA2P
HB2N	11 11	HB2P
HB3	10 10	HA3
SG_D	9 9	SG_A
SV	8 8	HPSEL3
HA3N	7 7	HA3P
HB3N	6 6	HB3P
SV	5 5	HPSEL4
TREN1+	4 4	TREN1+
TREN2-	3 3	TREN2+
TREN3-	2 2	TREN3+
FG_B	1 1	FG_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.