

Omron CS Series Supported Cable Pin Assignment (Mark Tube Printing) Figure

For CS1W-OD292			
(Custom No.) X-PLC0167		(Custom No.) X-PLC0168	
Output Connector 1		Output Connector 2	
Signal Name	B A	Signal Name	A B
0V,C	20 20	COM1	1 1
15,C	27 27	COM2	2 2
14,C	26 26	COM3	3 3
13,C	25 25	COM4	4 4
12,C	24 24	COM5	5 5
11,C	23 23	COM6	6 6
10,C	22 22	COM7	7 7
9,C	21 21	COM8	8 8
8,C	20 20	COM9	9 9
0V,B	18 18	COM10	10 10
15,B	17 17	COM11	11 11
14,B	16 16	COM12	12 12
13,B	15 15	COM13	13 13
12,B	14 14	COM14	14 14
11,B	13 13	COM15	15 15
10,B	12 12	COM16	16 16
9,B	11 11	COM17	17 17
8,B	10 10	COM18	18 18
0V,A	9 9	COM19	19 19
15,A	8 8	COM20	20 20
14,A	7 7		
13,A	6 6		
12,A	5 5		
11,A	4 4		
10,A	3 3		
9,A	2 2		
8,A	1 1		
FCN Male 56-Core		FCN Male 56-Core	

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For CS1W-MD261			
GPN-CS37Y/GPN-CS37T		GPN-CS38Y/GPN-CS38T	
(Custom No.) X-PLC0169		(Custom No.) X-PLC0170	
Input / Output Connector 1		Input / Output Connector 2	
Signal Name	B A	Signal Name	A B
+V,D	20 20	+V,B	1 1
COM1_B	19 19	COM0_B	2 2
15,B	18 18	15,A	3 3
14,B	17 17	14,A	4 4
13,B	16 16	13,A	5 5
12,B	15 15	12,A	6 6
11,B	14 14	11,A	7 7
10,B	13 13	10,A	8 8
9,B	12 12	9,A	9 9
8,B	11 11	8,A	10 10
+V,C	10 10	+V,A	11 11
COM1_A	9 9	COM0_A	12 12
7,B	8 8	7,A	13 13
6,B	7 7	6,A	14 14
5,B	6 6	5,A	15 15
4,B	5 5	4,A	16 16
3,B	4 4	3,A	17 17
2,B	3 3	2,A	18 18
1,B	2 2	1,A	19 19
0,B	1 1	0,A	20 20
FCN Male 40-Core		FCN Male 40-Core	

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For CS1W-MD262			
GPN-CS39Y/GPN-CS39T		GPN-CS42Y/GPN-CS42T	
(Custom No.) X-PLC0171		(Custom No.) X-PLC0172	
Input / Output Connector 1		Input / Output Connector 2	
Signal Name	B A	Signal Name	A B
COM1 (+V),B	20 20	COM0 (+V),B	1 1
0V,D	19 19	0V,B	2 2
15,B	18 18	15,A	3 3
14,B	17 17	14,A	4 4
13,B	16 16	13,A	5 5
12,B	15 15	12,A	6 6
11,B	14 14	11,A	7 7
10,B	13 13	10,A	8 8
9,B	12 12	9,A	9 9
8,B	11 11	8,A	10 10
COM1 (+V),A	10 10	COM0 (+V),A	11 11
0V,C	9 9	0V,A	12 12
7,B	8 8	7,A	13 13
6,B	7 7	6,A	14 14
5,B	6 6	5,A	15 15
4,B	5 5	4,A	16 16
3,B	4 4	3,A	17 17
2,B	3 3	2,A	18 18
1,B	2 2	1,A	19 19
0,B	1 1	0,A	20 20
FCN Male 40-Core		FCN Male 40-Core	

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For CS1W-MD291			
(Custom No.) X-PLC0173		(Custom No.) X-PLC0174	
Input / Output Connector 1		Input / Output Connector 2	
Signal Name	B A	Signal Name	A B
+V,D	20 20	COM1	1 1
15,C	26 26	COM2	2 2
14,C	25 25	COM3	3 3
13,C	24 24	COM4	4 4
12,C	23 23	COM5	5 5
11,C	22 22	COM6	6 6
10,C	21 21	COM7	7 7
9,C	20 20	COM8	8 8
8,C	19 19	COM9	9 9
+V,B	18 18	COM10	10 10
15,B	17 17	COM11	11 11
14,B	16 16	COM12	12 12
13,B	15 15	COM13	13 13
12,B	14 14	COM14	14 14
11,B	13 13	COM15	15 15
10,B	12 12	COM16	16 16
9,B	11 11	COM17	17 17
8,B	10 10	COM18	18 18
+V,A	9 9	COM19	19 19
15,A	8 8	COM20	20 20
14,A	7 7		
13,A	6 6		
12,A	5 5		
11,A	4 4		
10,A	3 3		
9,A	2 2		
8,A	1 1		
FCN Male 56-Core		FCN Male 56-Core	

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For CS1W-MD292			
(Custom No.) X-PLC0175		(Custom No.) X-PLC0176	
Input / Output Connector 1		Input / Output Connector 2	
Signal Name	B A	Signal Name	A B
0V,C	20 20	COM1	1 1
15,C	27 27	COM2	2 2
14,C	26 26	COM3	3 3
13,C	25 25	COM4	4 4
12,C	24 24	COM5	5 5
11,C	23 23	COM6	6 6
10,C	22 22	COM7	7 7
9,C	21 21	COM8	8 8
8,C	20 20	COM9	9 9
0V,B	18 18	COM10	10 10
15,B	17 17	COM11	11 11
14,B	16 16	COM12	12 12
13,B	15 15	COM13	13 13
12,B	14 14	COM14	14 14
11,B	13 13	COM15	15 15
10,B	12 12	COM16	16 16
9,B	11 11	COM17	17 17
8,B	10 10	COM18	18 18
0V,A	9 9	COM19	19 19
15,A	8 8	COM20	20 20
14,A	7 7		
13,A	6 6		
12,A	5 5		
11,A	4 4		
10,A	3 3		
9,A	2 2		
8,A	1 1		
FCN Male 56-Core		FCN Male 56-Core	

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For CS1W-MD561			
GPN-CS43Y/GPN-CS43T		GPN-CS44Y/GPN-CS44T	
(Custom No.) X-PLC0177		(Custom No.) X-PLC0178	
Input / Output Connector 1		Input / Output Connector 2	
Signal Name	B A	Signal Name	A B
+V,D	20 20	+V,B	1 1
COM1_B	19 19	COM0_B	2 2
15,B	18 18	15,A	3 3
14,B	17 17	14,A	4 4
13,B	16 16	13,A	5 5
12,B	15 15	12,A	6 6
11,B	14 14	11,A	7 7
10,B	13 13	10,A	8 8
9,B	12 12	9,A	9 9
8,B	11 11	8,A	10 10
+V,C	10 10	+V,A	11 11
COM1_A	9 9	COM0_A	12 12
7,B	8 8	7,A	13 13
6,B	7 7	6,A	14 14
5,B	6 6	5,A	15 15
4,B	5 5	4,A	16 16
3,B	4 4	3,A	17 17
2,B	3 3	2,A	18 18
1,B	2 2	1,A	19 19
0,B	1 1	0,A	20 20
FCN Male 40-Core		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.

Connector Included Cable Documents