

For CS1W-HCP22-V1

GPN-CS64Y/GPN-CS64T			GPN-CS74Y/GPN-CS74T		
(Custom No.) X-PLC0197			(Custom No.) X-PLC0198		
Input / Output Connector 1			Input / Output Connector 2		
Signal Name	B A	Signal Name	Signal Name	A B	Signal Name
B12	12 12	A12	A1	1 1	B1
B11	11 11	A11	A2	2 2	B2
B10	10 10	A10	A3	3 3	B3
B9	9 9	A9	A4	4 4	B4
B8	8 8	A8	A5	5 5	B5
B7	7 7	A7	A6	6 6	B6
B6	6 6	A6	A7	7 7	B7
B5	5 5	A5	A8	8 8	B8
B4	4 4	A4	A9	9 9	B9
B3	3 3	A3	A10	10 10	B10
B2	2 2	A2	A11	11 11	B11
B1	1 1	A1	A12	12 12	B12
			A13	13 13	B13
			A14	14 14	B14
			A15	15 15	B15
			A16	16 16	B16
			A17	17 17	B17
			A18	18 18	B18
			A19	19 19	B19
			A20	20 20	B20

FCN Male 24-Core FCN Male 40-Core

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For CS1W-HCA22-V1

GPN-CS65Y/GPN-CS65T			GPN-CS75Y/GPN-CS75T		
(Custom No.) X-PLC0199			(Custom No.) X-PLC0200		
Input / Output Connector 1			Input / Output Connector 2		
Signal Name	B A	Signal Name	Signal Name	A B	Signal Name
B12	12 12	A12	A1	1 1	B1
B11	11 11	A11	A2	2 2	B2
B10	10 10	A10	A3	3 3	B3
B9	9 9	A9	A4	4 4	B4
B8	8 8	A8	A5	5 5	B5
B7	7 7	A7	A6	6 6	B6
B6	6 6	A6	A7	7 7	B7
B5	5 5	A5	A8	8 8	B8
B4	4 4	A4	A9	9 9	B9
B3	3 3	A3	A10	10 10	B10
B2	2 2	A2	A11	11 11	B11
B1	1 1	A1	A12	12 12	B12
			A13	13 13	B13
			A14	14 14	B14
			A15	15 15	B15
			A16	16 16	B16
			A17	17 17	B17
			A18	18 18	B18
			A19	19 19	B19
			A20	20 20	B20

FCN Male 24-Core FCN Male 40-Core

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For CS1W-HCA12-V1

GPN-CS66Y/GPN-CS66T			GPN-CS76Y/GPN-CS76T		
(Custom No.) X-PLC0201			(Custom No.) X-PLC0202		
Input / Output Connector 1			Input / Output Connector 2		
Signal Name	B A	Signal Name	Signal Name	A B	Signal Name
B12	12 12	A12	A1	1 1	B1
B11	11 11	A11	A2	2 2	B2
B10	10 10	A10	A3	3 3	B3
B9	9 9	A9	A4	4 4	B4
B8	8 8	A8	A5	5 5	B5
B7	7 7	A7	A6	6 6	B6
B6	6 6	A6	A7	7 7	B7
B5	5 5	A5	A8	8 8	B8
B4	4 4	A4	A9	9 9	B9
B3	3 3	A3	A10	10 10	B10
B2	2 2	A2	A11	11 11	B11
B1	1 1	A1	A12	12 12	B12
			A13	13 13	B13
			A14	14 14	B14
			A15	15 15	B15
			A16	16 16	B16
			A17	17 17	B17
			A18	18 18	B18
			A19	19 19	B19
			A20	20 20	B20

FCN Male 24-Core FCN Male 40-Core

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For CS1W-MC221

GP□-CS88Y/GP□-CS88T																																																																																	
(Custom No.) X-PLC0187																																																																																	
Input / Output Connector	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>2</td><td>XCVL</td><td>1</td><td>+24</td><td>15</td><td>DC GND</td><td>14</td><td>DC GND</td></tr> <tr><td>4</td><td>XCVL</td><td>3</td><td>YCVL</td><td>17</td><td>MPG-B</td><td>16</td><td>MPG-A</td></tr> <tr><td>6</td><td>XSTOP</td><td>5</td><td>YCVL</td><td>19</td><td>MPG-B</td><td>18</td><td>MPG-A</td></tr> <tr><td>8</td><td>IN1</td><td>7</td><td>YSTOP</td><td>21</td><td>IN3</td><td>20</td><td></td></tr> <tr><td>10</td><td>XORG</td><td>9</td><td>IN2</td><td>23</td><td></td><td>22</td><td>IN4</td></tr> <tr><td>12</td><td>OUT1</td><td>11</td><td>YORG</td><td>25</td><td>OUT3</td><td>24</td><td></td></tr> <tr><td></td><td></td><td>13</td><td>OUT2</td><td>26</td><td>OUT4</td><td>26</td><td>OUT4</td></tr> </table>	2	XCVL	1	+24	15	DC GND	14	DC GND	4	XCVL	3	YCVL	17	MPG-B	16	MPG-A	6	XSTOP	5	YCVL	19	MPG-B	18	MPG-A	8	IN1	7	YSTOP	21	IN3	20		10	XORG	9	IN2	23		22	IN4	12	OUT1	11	YORG	25	OUT3	24				13	OUT2	26	OUT4	26	OUT4																								
2	XCVL	1	+24	15	DC GND	14	DC GND																																																																										
4	XCVL	3	YCVL	17	MPG-B	16	MPG-A																																																																										
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IEEE 1284 Half Pitch 26-Core																																																																																	
GP□-CS92Y/GP□-CS92T																																																																																	
(Custom No.) X-PLC0188																																																																																	
DRV Connector	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>2</td><td>DC GND</td><td>1</td><td>+24V</td><td>20</td><td>FDC GND</td><td>19</td><td>+F24 V</td></tr> <tr><td>4</td><td>XRUN</td><td>3</td><td>XALM</td><td>22</td><td>YRUN</td><td>21</td><td>YALM</td></tr> <tr><td>6</td><td></td><td>5</td><td>XALMRS</td><td>24</td><td></td><td>23</td><td>YALMRS</td></tr> <tr><td></td><td></td><td>7</td><td></td><td></td><td></td><td>24</td><td></td></tr> <tr><td>8</td><td>XSGND</td><td>9</td><td>XSOUT</td><td>26</td><td>YSGND</td><td>27</td><td>YSOUT</td></tr> <tr><td>10</td><td>X-GND</td><td>11</td><td>X-A</td><td>28</td><td>Y-GND</td><td>29</td><td>Y-A</td></tr> <tr><td>12</td><td>X-Ā</td><td>13</td><td>X-B</td><td>30</td><td>Y-Ā</td><td>31</td><td>Y-B</td></tr> <tr><td>14</td><td>X-B</td><td>15</td><td>X-Z</td><td>32</td><td>Y-B</td><td>33</td><td>Y-Z</td></tr> <tr><td>16</td><td>X-Z</td><td>17</td><td>XOUT</td><td>34</td><td>Y-Z</td><td>35</td><td>YOUT</td></tr> <tr><td>18</td><td>XAGND</td><td>17</td><td>XOUT</td><td>36</td><td>YAGND</td><td>35</td><td>YOUT</td></tr> </table>	2	DC GND	1	+24V	20	FDC GND	19	+F24 V	4	XRUN	3	XALM	22	YRUN	21	YALM	6		5	XALMRS	24		23	YALMRS			7				24		8	XSGND	9	XSOUT	26	YSGND	27	YSOUT	10	X-GND	11	X-A	28	Y-GND	29	Y-A	12	X-Ā	13	X-B	30	Y-Ā	31	Y-B	14	X-B	15	X-Z	32	Y-B	33	Y-Z	16	X-Z	17	XOUT	34	Y-Z	35	YOUT	18	XAGND	17	XOUT	36	YAGND	35	YOUT
2	DC GND	1	+24V	20	FDC GND	19	+F24 V																																																																										
4	XRUN	3	XALM	22	YRUN	21	YALM																																																																										
6		5	XALMRS	24		23	YALMRS																																																																										
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12	X-Ā	13	X-B	30	Y-Ā	31	Y-B																																																																										
14	X-B	15	X-Z	32	Y-B	33	Y-Z																																																																										
16	X-Z	17	XOUT	34	Y-Z	35	YOUT																																																																										
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IEEE 1284 Half Pitch 36-Core																																																																																	
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For CS1W-HIO01-V1

GPN-CS67Y/GPN-CS67T		
(Custom No.) X-PLC0203		
Input / Output Connector		
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

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For CS1W-MC421

GP□-CS89Y/GP□-CS89T		GP□-CS93Y/GP□-CS93T																																																																																																																																	
(Custom No.) X-PLC0189		(Custom No.) X-PLC0191																																																																																																																																	
Input / Output Connector	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>2</td><td>XCVL</td><td>1</td><td>+24</td><td>15</td><td>ZCVL</td><td>14</td><td>DC GND</td></tr> <tr><td>4</td><td>XCVL</td><td>3</td><td>YCVL</td><td>17</td><td>ZCVL</td><td>16</td><td>DC GND</td></tr> <tr><td>6</td><td>XSTOP</td><td>5</td><td>YCVL</td><td>19</td><td>ZSTOP</td><td>18</td><td>DC GND</td></tr> <tr><td>8</td><td>IN1</td><td>7</td><td>YSTOP</td><td>21</td><td>IN3</td><td>22</td><td>IN4</td></tr> <tr><td>10</td><td>XORG</td><td>9</td><td>IN2</td><td>23</td><td>ZORG</td><td>24</td><td>USRG</td></tr> <tr><td>12</td><td>OUT1</td><td>11</td><td>YORG</td><td>25</td><td>OUT3</td><td>26</td><td>OUT4</td></tr> </table>	2	XCVL	1	+24	15	ZCVL	14	DC GND	4	XCVL	3	YCVL	17	ZCVL	16	DC GND	6	XSTOP	5	YCVL	19	ZSTOP	18	DC GND	8	IN1	7	YSTOP	21	IN3	22	IN4	10	XORG	9	IN2	23	ZORG	24	USRG	12	OUT1	11	YORG	25	OUT3	26	OUT4	DRV X / Y Connector	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>2</td><td>DC GND</td><td>1</td><td>+24V</td><td>20</td><td>FDC GND</td><td>19</td><td>+F24 V</td></tr> <tr><td>4</td><td>XRUN</td><td>3</td><td>ZALM</td><td>22</td><td>YRUN</td><td>21</td><td>YALM</td></tr> <tr><td>6</td><td></td><td>5</td><td>ZALMRS</td><td>24</td><td></td><td>23</td><td>YALMRS</td></tr> <tr><td></td><td></td><td>7</td><td></td><td></td><td></td><td>24</td><td></td></tr> <tr><td>8</td><td>XSGND</td><td>9</td><td>ZSOUT</td><td>26</td><td>YSGND</td><td>27</td><td>YSOUT</td></tr> <tr><td>10</td><td>X-GND</td><td>11</td><td>X-A</td><td>28</td><td>Y-GND</td><td>29</td><td>Y-A</td></tr> <tr><td>12</td><td>Z-Ā</td><td>13</td><td>X-B</td><td>30</td><td>Y-Ā</td><td>31</td><td>Y-B</td></tr> <tr><td>14</td><td>Z-B</td><td>15</td><td>X-Z</td><td>32</td><td>Y-B</td><td>33</td><td>Y-Z</td></tr> <tr><td>16</td><td>X-Z</td><td>17</td><td>XOUT</td><td>34</td><td>Y-Z</td><td>35</td><td>YOUT</td></tr> <tr><td>18</td><td>XAGND</td><td>17</td><td>XOUT</td><td>36</td><td>YAGND</td><td>35</td><td>YOUT</td></tr> </table>	2	DC GND	1	+24V	20	FDC GND	19	+F24 V	4	XRUN	3	ZALM	22	YRUN	21	YALM	6		5	ZALMRS	24		23	YALMRS			7				24		8	XSGND	9	ZSOUT	26	YSGND	27	YSOUT	10	X-GND	11	X-A	28	Y-GND	29	Y-A	12	Z-Ā	13	X-B	30	Y-Ā	31	Y-B	14	Z-B	15	X-Z	32	Y-B	33	Y-Z	16	X-Z	17	XOUT	34	Y-Z	35	YOUT	18	XAGND	17	XOUT	36	YAGND	35	YOUT
2	XCVL	1	+24	15	ZCVL	14	DC GND																																																																																																																												
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6	XSTOP	5	YCVL	19	ZSTOP	18	DC GND																																																																																																																												
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10	XORG	9	IN2	23	ZORG	24	USRG																																																																																																																												
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4	XRUN	3	ZALM	22	YRUN	21	YALM																																																																																																																												
6		5	ZALMRS	24		23	YALMRS																																																																																																																												
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8	XSGND	9	ZSOUT	26	YSGND	27	YSOUT																																																																																																																												
10	X-GND	11	X-A	28	Y-GND	29	Y-A																																																																																																																												
12	Z-Ā	13	X-B	30	Y-Ā	31	Y-B																																																																																																																												
14	Z-B	15	X-Z	32	Y-B	33	Y-Z																																																																																																																												
16	X-Z	17	XOUT	34	Y-Z	35	YOUT																																																																																																																												
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IEEE 1284 Half Pitch 26-Core		IEEE 1284 Half Pitch 36-Core																																																																																																																																	
GP□-CS87Y/GP□-CS87T		GP□-CS94Y/GP□-CS94T																																																																																																																																	
(Custom No.) X-PLC0190		(Custom No.) X-PLC0192																																																																																																																																	
MPG Connector	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>2</td><td></td><td>1</td><td></td><td>8</td><td></td></tr> <tr><td>4</td><td></td><td>3</td><td></td><td>9</td><td></td></tr> <tr><td>6</td><td>MPG-A</td><td>5</td><td>MPG-Ā</td><td>11</td><td></td></tr> <tr><td></td><td></td><td>7</td><td></td><td>12</td><td>MPG-B</td></tr> <tr><td></td><td></td><td></td><td></td><td>14</td><td></td></tr> </table>	2		1		8		4		3		9		6	MPG-A	5	MPG-Ā	11				7		12	MPG-B					14		DRV Z / U Connector	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>2</td><td>DC GND</td><td>1</td><td>+24V</td><td>20</td><td>FDC GND</td><td>19</td><td>+F24 V</td></tr> <tr><td>4</td><td>ZRUN</td><td>3</td><td>ZALM</td><td>22</td><td>URUN</td><td>21</td><td>UALM</td></tr> <tr><td>6</td><td></td><td>5</td><td>ZALMRS</td><td>24</td><td></td><td>23</td><td>UALMRS</td></tr> <tr><td></td><td></td><td>7</td><td></td><td></td><td></td><td>24</td><td></td></tr> <tr><td>8</td><td>ZSGND</td><td>9</td><td>ZSOUT</td><td>26</td><td>USGND</td><td>27</td><td>USOUT</td></tr> <tr><td>10</td><td>Z-GND</td><td>11</td><td>Z-A</td><td>28</td><td>U-GND</td><td>29</td><td>U-A</td></tr> <tr><td>12</td><td>Z-Ā</td><td>13</td><td>Z-B</td><td>30</td><td>U-Ā</td><td>31</td><td>U-B</td></tr> <tr><td>14</td><td>Z-B</td><td>15</td><td>Z-Z</td><td>32</td><td>U-B</td><td>33</td><td>U-Z</td></tr> <tr><td>16</td><td>Z-Z</td><td>17</td><td>ZOUT</td><td>34</td><td>U-Z</td><td>35</td><td>UOUT</td></tr> <tr><td>18</td><td>ZAGND</td><td>17</td><td>ZOUT</td><td>36</td><td>UAGND</td><td>35</td><td>UOUT</td></tr> </table>	2	DC GND	1	+24V	20	FDC GND	19	+F24 V	4	ZRUN	3	ZALM	22	URUN	21	UALM	6		5	ZALMRS	24		23	UALMRS			7				24		8	ZSGND	9	ZSOUT	26	USGND	27	USOUT	10	Z-GND	11	Z-A	28	U-GND	29	U-A	12	Z-Ā	13	Z-B	30	U-Ā	31	U-B	14	Z-B	15	Z-Z	32	U-B	33	U-Z	16	Z-Z	17	ZOUT	34	U-Z	35	UOUT	18	ZAGND	17	ZOUT	36	UAGND	35	UOUT																		
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10	Z-GND	11	Z-A	28	U-GND	29	U-A																																																																																																																												
12	Z-Ā	13	Z-B	30	U-Ā	31	U-B																																																																																																																												
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Product Page ▶570, 572		Product Page ▶570, 572																																																																																																																																	

*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