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The electrical features are given in paragraph [Electrical features](#).
The wiring examples are given in paragraph [Connection examples](#)

CN7		Terminal	Symbol	Description	Address		
	1A	1A		Internal bridge 1A -1B			
	2A	2A	PHA1	Phase A count 1	3.INP17		
	3A	3A	PHB1 Phase B count 1			3.INP18	3.CNT01
	4A	4A	Z1	Z count 1	1.INT01		
	5A	5A	0V	Common for count inputs			
	6A	6A	0V				
	7A	7A	0V				
	1B	1B		Internal bridge 1A -1B			
	2B	2B	PHA1+	+ PHA count 1	Line Driver	3.INP17	
	3B	3B	PHB1+	+ PHB count 1		3.INP18	3.CNT01
	4B	4B	Z1+	+ Z count 1		1.INT01	
	5B	5B	PHA1-	- PHA count 1			
	6B	6B	PHB1-	- PHB count 1			
	7B	7B	Z1-	- Z count 1			

¹⁾ PNP/Push-Pull type count configuration:

Terminal 5B: connect to terminal 5A

Terminal 6B: connect to terminal 6A

Terminal 7B: connect to terminal 7A

CN8		Terminal	Symbol	Description	Address		
	1A	1A		Internal bridge 1A -1B			
	2A	2A	PHA2	Phase A count 2	3.INP19		
	3A	3A	PHB2	Phase B count 2		3.INP20	3.CNT02
	4A	4A	Z2	Z count 2	1.INT02		
	5A	5A	0V	Common for count inputs			
	6A	6A	0V				
	7A	7A	0V				
	1B	1B		Internal bridge 1A -1B			
	2B	2B	PHA2+	+ PHA count 2	Line Driver	3.INP19	
	3B	3B	PHB2+	+ PHB count 2		3.INP20	3.CNT02
	4B	4B	Z2+	+ Z count 2		1.INT02	
	5B	5B	PHA2-	- PHA count 2			
	6B	6B	PHB2-	- PHB count 2			
	7B	7B	Z2-	- Z count 2			

¹⁾ PNP/Push-Pull type count configuration:

Terminal 5B: connect to terminal 5A

Terminal 6B: connect to terminal 6A

Terminal 7B: connect to terminal 7A

CN9		Terminal	Symbol	Description	Address		
	1A	1A		Internal bridge 1A -1B			
	2A	2A	PHA3	Phase A count 3	3.INP21		
	3A	3A	PHB3	Phase B count 3		3.INP22	3.CNT03
	4A	4A	Z3	Z count 3	1.INT03		
	5A	5A	0V	Common for count inputs			
	6A	6A	0V				
	7A	7A	0V				
	1B	1B		Internal bridge 1A -1B			
	2B	2B	PHA3+	+ PHA count 3	Line Driver	3.INP21	
	3B	3B	PHB3+	+ PHB count 3		3.INP22	3.CNT03
	4B	4B	Z3+	+ Z count 3		1.INT03	
	5B	5B	PHA3-	- PHA count 3			
	6B	6B	PHB3-	- PHB count 3			
	7B	7B	Z3-	- Z count 3			

¹⁾ PNP/Push-Pull type count configuration:

Terminal 5B: connect to terminal 5A

Terminal 6B: connect to terminal 6A

Terminal 7B: connect to terminal 7A

CN10		Terminal	Symbol	Description	Address	
	1A		Internal bridge 1A -1B			
	2A	PHA4	Phase A count 4	PNP Push-Pull ¹⁾	3.INP23	3.CNT04
	3A	PHB4	Phase B count 4		3.INP24	
	4A	Z4	Z count 4		1.INT04	
	5A	0V	Common for count inputs			
	6A	0V				
	7A	0V				
	1B		Internal bridge 1A -1B			
	2B	PHA4+	+ PHA count 4	Line Driver	3.INP23	3.CNT04
	3B	PHB4+	+ PHB count 4		3.INP24	
	4B	Z4+	+ Z count 4		1.INT04	
	5B	PHA4-	- PHA count 4			
	6B	PHB4-	- PHB count 4			
	7B	Z4-	- Z count 4			

¹⁾ PNP/Push-Pull type count configuration:

Terminal 5B: connect to terminal 5A

Terminal 6B: connect to terminal 6A

Terminal 7B: connect to terminal 7A

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