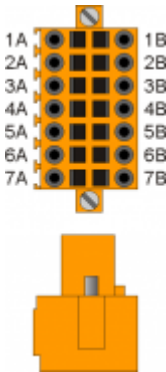


Sommario

@cnna@	Terminal	Symbol	Description		Address		
	1A		Output + 24V dc ¹⁾				
	2A	PHA1	Phase A	Count 1 PNP / Push-Pull ²⁾	@slot@.INP17	@slot@.CNT01	
	3A	PHB1	Phase B		@slot@.INP18		
	4A	Z1	Z		1.INT01	FREQ1 ³⁾	
	5A	0V	Common for count inputs				
	6A	0V					
	7A	0V					
	1B		Output + 24V dc ⁴⁾				
	2B	PHA1+	+ PHA	Count 1 Line Driver	@slot@.INP17	@slot@.CNT01	
	3B	PHB1+	+ PHB		@slot@.INP18		
	4B	Z1+	+ Z		1.INT01	FREQ1 ⁵⁾	
	5B	PHA1-	- PHA				
	6B	PHB1-	- PHB				
	7B	Z1-	- Z				

^{1), 4)} Used to power the encoder. See [Connection examples](#).

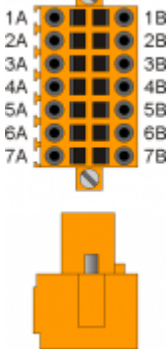
²⁾ **PNP/Push-Pull type count input configuration:**

Terminal 5B: connect to terminal 5A

Terminal 6B: connect to terminal 6A

Terminal 7B: connect to terminal 7A

^{3), 5)} Can be used as frequency input for a FREQ device, indicating 2 in the device declaration

@cnnb@	Terminal	Symbol	Description	Address		
	1A		Output + 24V dc ¹⁾			
	2A	PHA2	Phase A	Count 2 PNP / Push-Pull ²⁾	@slot@.INP19	@slot@.CNT02
	3A	PHB2	Phase B		@slot@.INP20	
	4A	Z2	Z		1.INT02	FREQ2 ³⁾
	5A	0V	Common for count inputs			
	6A	0V				
	7A	0V				
	1B		Output + 24V dc ⁴⁾			
	2B	PHA2+	+ PHA	Count 2 Line Driver	@slot@.INP19	@slot@.CNT02
	3B	PHB2+	+ PHB		@slot@.INP20	
	4B	Z2+	+ Z		1.INT02	FREQ2 ⁵⁾
	5B	PHA2-	- PHA			
	6B	PHB2-	- PHB			
	7B	Z2-	- Z			

^{1), 4)} Used to power the encoder. See [Connection examples](#).

²⁾ **PNP/Push-Pull type count input configuration:**

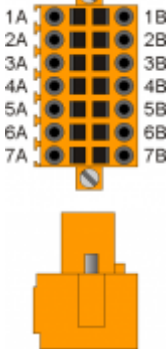
Terminal 5B: connect to terminal 5A

Terminal 6B: connect to terminal 6A

Terminal 7B: connect to terminal 7A

^{3), 5)} Can be used as frequency input for a FREQ device, indicating 2 in the device declaration

can be used as frequency input for a HMI device, mandating 2 in the device declaration.

@cnnc@	Terminal	Symbol	Description	Address		
	1A		Output + 24V dc ¹⁾			
	2A	PHA3	Phase A	Count 3 PNP / Push-Pull ²⁾	@slot@.INP21	@slot@.CNT03
	3A	PHB3	Phase B		@slot@.INP22	
	4A	Z3	Z		1.INT03	
	5A	0V	Common for count inputs			
	6A	0V				
	7A	0V				
	1B		Output + 24V dc ³⁾			
	2B	PHA3+	+ PHA	Count 3 Line Driver	@slot@.INP21	@slot@.CNT03
	3B	PHB3+	+ PHB		@slot@.INP22	
	4B	Z3+	+ Z		1.INT03	
	5B	PHA3-	- PHA			
	6B	PHB3-	- PHB			
	7B	Z3-	- Z			

^{1), 3)} Used to power the encoder. See [Connection examples](#).

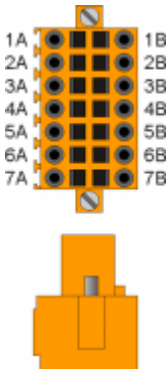
²⁾ **PNP/Push-Pull type count input configuration:**

Terminal 5B: connect to terminal 5A

Terminal 6B: connect to terminal 6A

Terminal 7B: connect to terminal 7A

@cnnd@	Terminal	Symbol	Description	Address
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	1A		Output + 24V dc ¹⁾			
	2A	PHA4	Phase A	Count 4 PNP / Push-Pull ²⁾	@slot@.INP23	@slot@.CNT04
	3A	PHB4	Phase B		@slot@.INP24	
	4A	Z4	Z		1.INT04	
	5A	0V	Common for count inputs			
	6A	0V				
	7A	0V				
	1B		Output + 24V dc ³⁾			
	2B	PHA4+	+ PHA	Count 4 Line Driver	@slot@.INP23	@slot@.CNT04
	3B	PHB4+	+ PHB		@slot@.INP24	
	4B	Z4+	+ Z		1.INT04	
	5B	PHA4-	- PHA			
	6B	PHB4-	- PHB			
	7B	Z4-	- Z			

^{1), 3)} Used to power the encoder. See [Connection examples](#).

²⁾ **PNP/Push-Pull type count input configuration:**

Terminal 5B: connect to terminal 5A

Terminal 6B: connect to terminal 6A

Terminal 7B: connect to terminal 7A

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