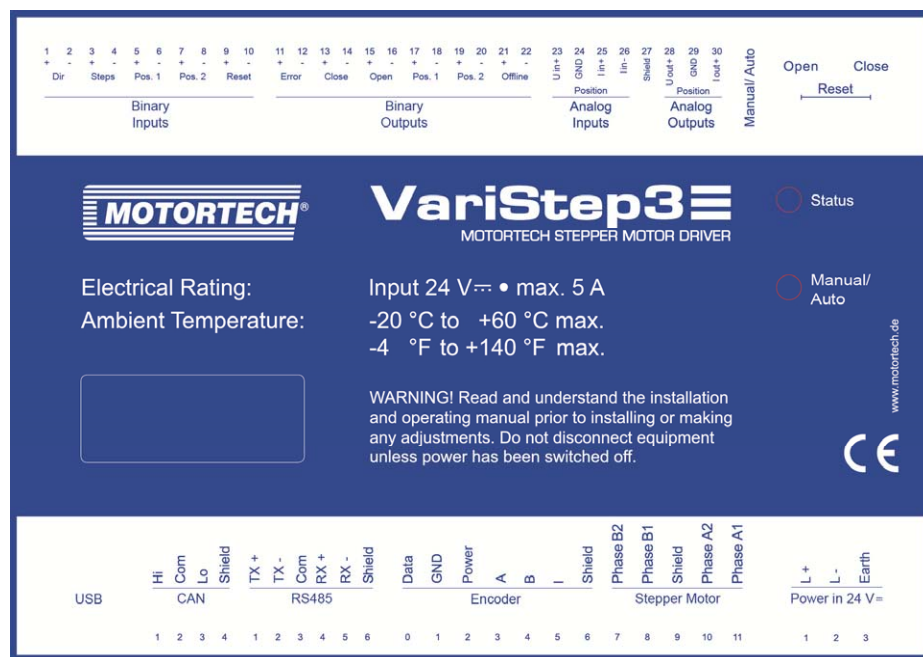


Changing of the Connection Labels on the VariStep3 Housing Cover

The designations for the connections on the housing cover of the VariStep3 stepper motor controller have changed. The operating instructions supplied were based on the previous version of these designations.

Note the following changes.



Upper Connection Row

Previous Labeling			
Pos. No.	Signal	Function	
1	DIR +	Digital Inputs	
2	DIR -		
3	STEPS +		
4	STEPS -		
5	POS1 +		
6	POS1 -		
7	POS2 +		
8	POS2 -		
9	RESET +		
10	RESET -		
11	ERROR +	Digital Outputs	
12	ERROR -		
13	CLOSE +		
14	CLOSE -		
15	OPEN +		
16	OPEN -		
17	POS1 +		
18	POS1 -		
19	POS2 +		
20	POS2 -		
21	OFFLINE +	Analog Inputs	
22	OFFLINE -		
23	0-10 V +		
24	0-10 V GND		
25	0-20 mA +		
26	0-20 mA -		
27	Shield		
28	0-10 V +		Analog Outputs
29	GND		
30	0-20 mA +		

New Labeling			
Pos. No.	Signal	Function	
1	Dir +	Binary Inputs	
2	Dir -		
3	Steps +		
4	Steps -		
5	Pos. 1 +		
6	Pos. 1 -		
7	Pos. 2 +		
8	Pos. 2 -		
9	Reset +		
10	Reset -		
11	Error +	Binary Outputs	
12	Error -		
13	Close +		
14	Close -		
15	Open +		
16	Open -		
17	Pos. 1 +		
18	Pos. 1 -		
19	Pos. 2 +		
20	Pos. 2 -		
21	Offline +	Position	
22	Offline -		
23	U in +		Analog Inputs
24	GND		
25	I in +		
26	I in -		
27	Shield		
28	U out +		Analog Outputs
29	GND		
30	I out +		

Lower Connection Row

Previous Labeling		
Pos. No.	Signal	Function
	TXD	
	RXD	
1	Hi	CAN
2	Com	
3	Lo	
4	Shield	
	TXD	
	RXD	
1	TX Hi	RS485
2	TX Lo	
3	Com	
4	RX Hi	
5	RX Lo	
6	Shield	
	TXD	
	RXD	
0	Data	Encoder
1	GND	
2	5 V	
3	A	
4	B	
5	I	
6	Shield	
7	Phase B2	Stepper Motor
8	Phase B1	
9	Shield	
10	Phase A2	
11	Phase A1	
1	(+)	Power IN 18 – 32 VDC
2	(-)	
3	Earth	

New Labeling		
Pos. No.	Signal	Function
	omitted *	
	omitted *	
1	Hi	CAN
2	Com	
3	Lo	
4	Shield	
	omitted *	
	omitted *	
1	TX +	RS485
2	TX -	
3	Com	
4	RX +	
5	RX -	
6	Shield	
	omitted *	
	omitted *	
0	Data	Encoder
1	GND	
2	Power	
3	A	
4	B	
5	I	
6	Shield	
7	Phase B2	Stepper Motor
8	Phase B1	
9	Shield	
10	Phase A2	
11	Phase A1	
1	L +	Power in 24 V $\overline{\text{m}}$
2	L -	
3	Earth	

*)



LED inscriptions on the printed circuit board

The labels RXD and TXD for the LEDs for USB, CAN and RS485 on the housing cover are omitted. These LEDs are located directly on the circuit board and are still labeled on it.