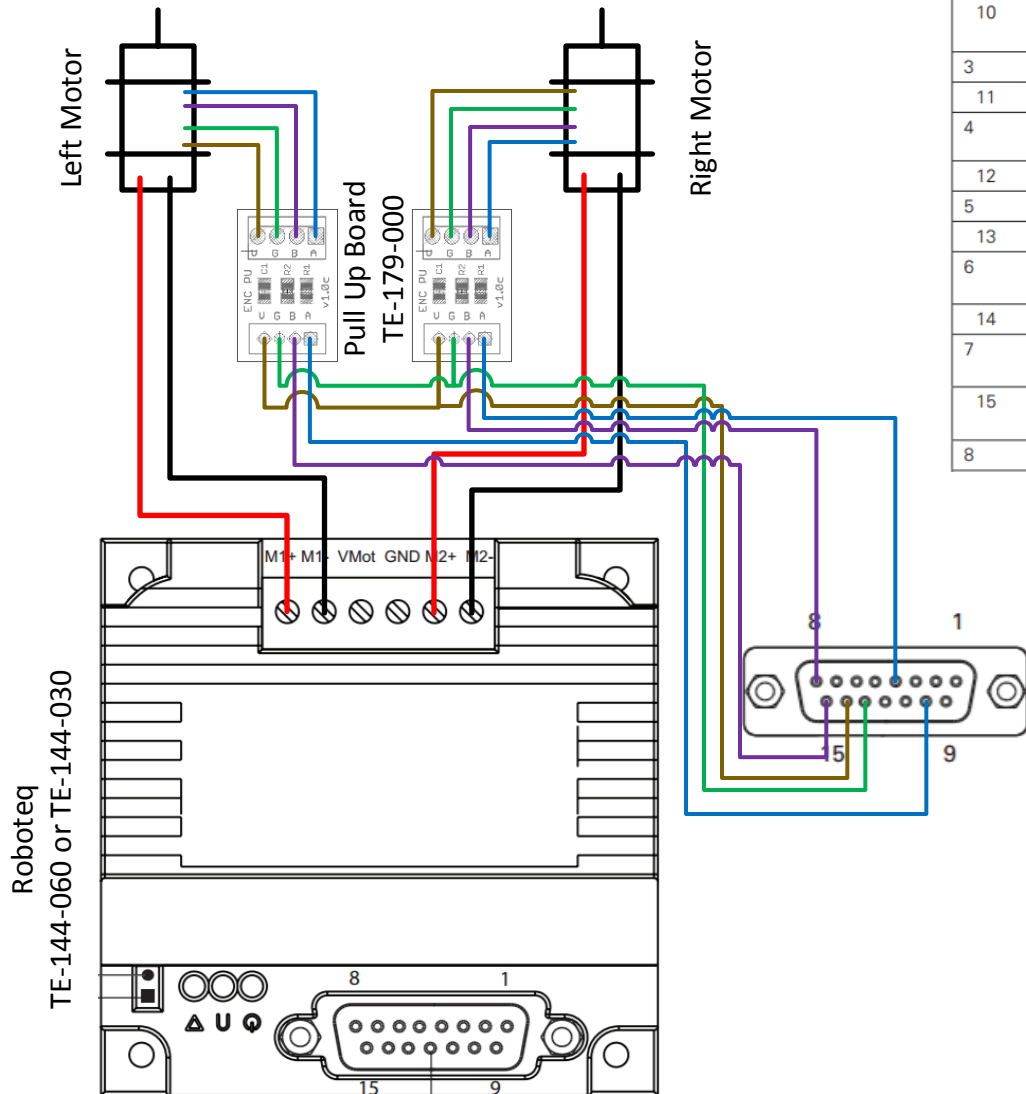


How to wire encoders to RoboteQ SDC



Connector Pin	Power	Dout	Com	RC	Ana	Dinput	Enc	Default Config
1		DOUT1						Unused
9		DOUT2						Unused
2			TxOut					RS232Tx Data
10				RC5	ANA5 (1)(2)	DIN5	ENC2A	Unused
3			RxIn					RS232Rx Data
11				RC4	ANA4	DIN4		Unused
4				RC1	ANA1 (1)(2)	DIN1	ENC1A	RCRadio1
12				RC3	ANA3	DIN3		Unused
5	GND							
13	GND							
6			CANL (3)					
14	5VOut							
7			CANH (3)					
15				RC6 (1)	ANA6 (2)	DIN6	ENC2B	Unused
8				RC2	ANA2	DIN2	ENC1B	RCRadio2

DB15 Connector
TE-104-631

Note: In Roborun+ Software if one of the motors is counting backward invert A and B in the motor that is running backward.

Note: If you are using optical encoders no need of pull up board

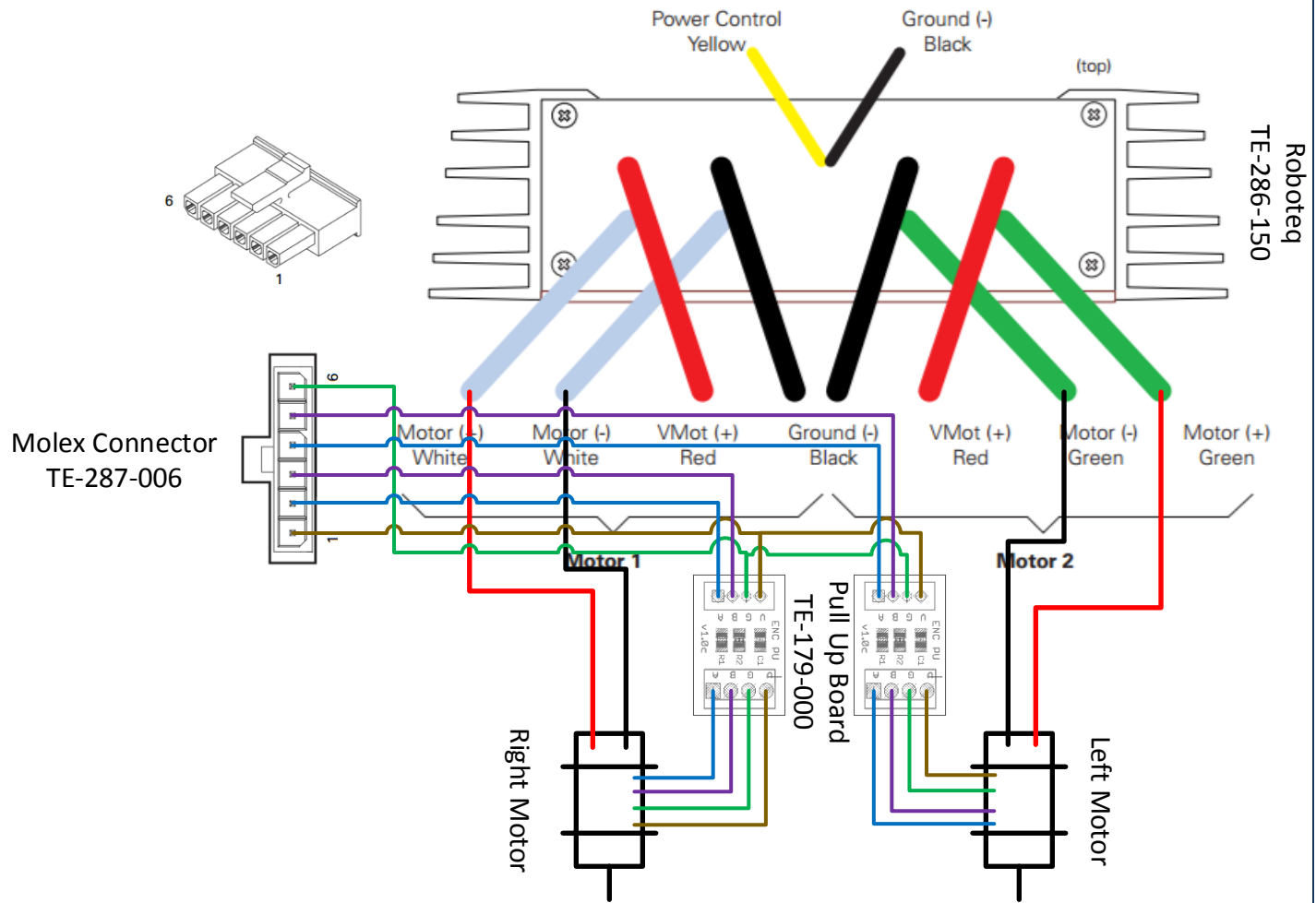


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Wiring RoboteQ SDC Motors and encoders

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Note: In Roborun+ Software if one of the motors is counting backward invert A and B in the motor that is running backward.

Note: If you are using optical encoders no need of pull up board

How to wire encoders to RoboteQ XDC

Pin Number	1	2	3	4	5	6
Signal	5Vout	Enc1A	Enc1B	Enc2A	Enc2B	GND



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Wiring RoboteQ XDC Motors and encoders

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