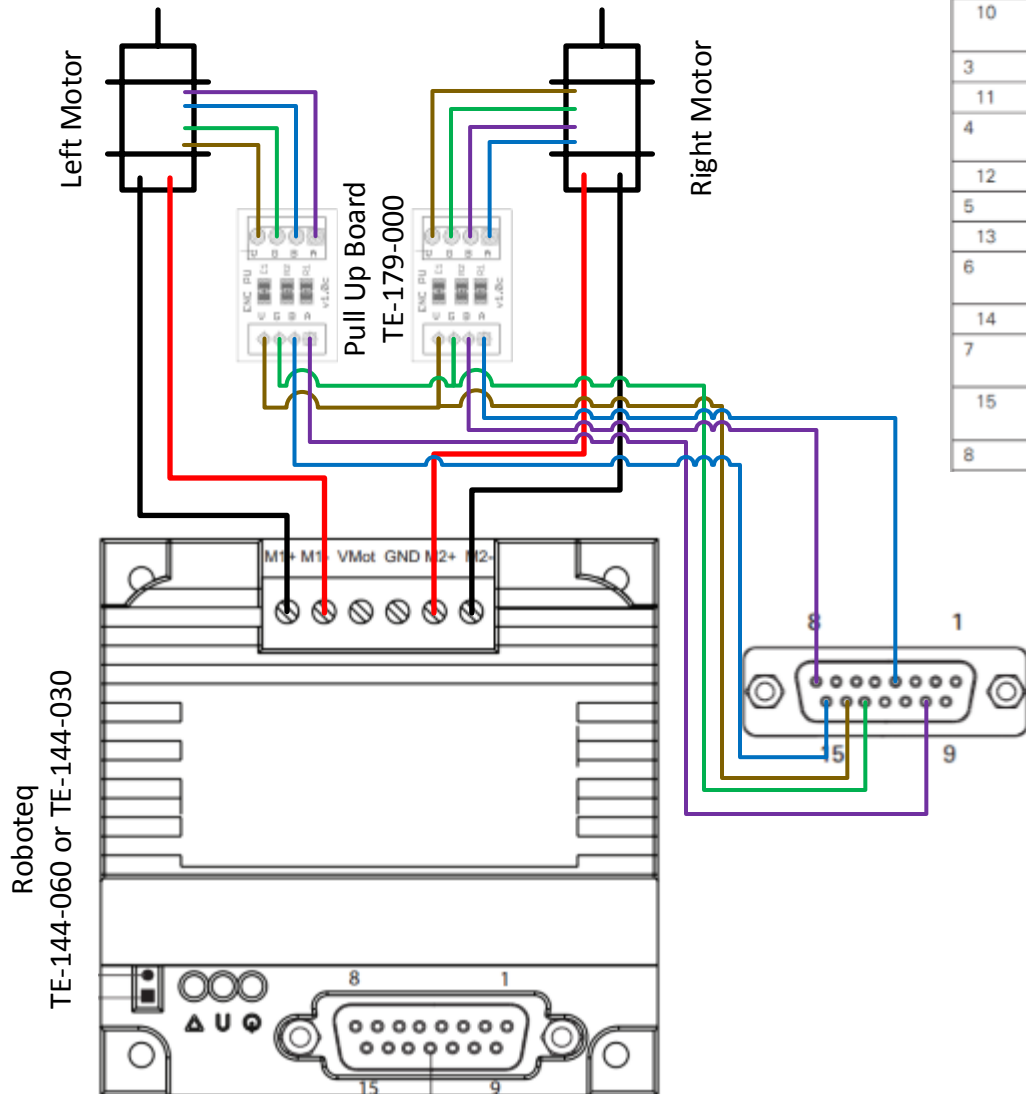


How to wire encoders to RoboteQ SDC



| 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.

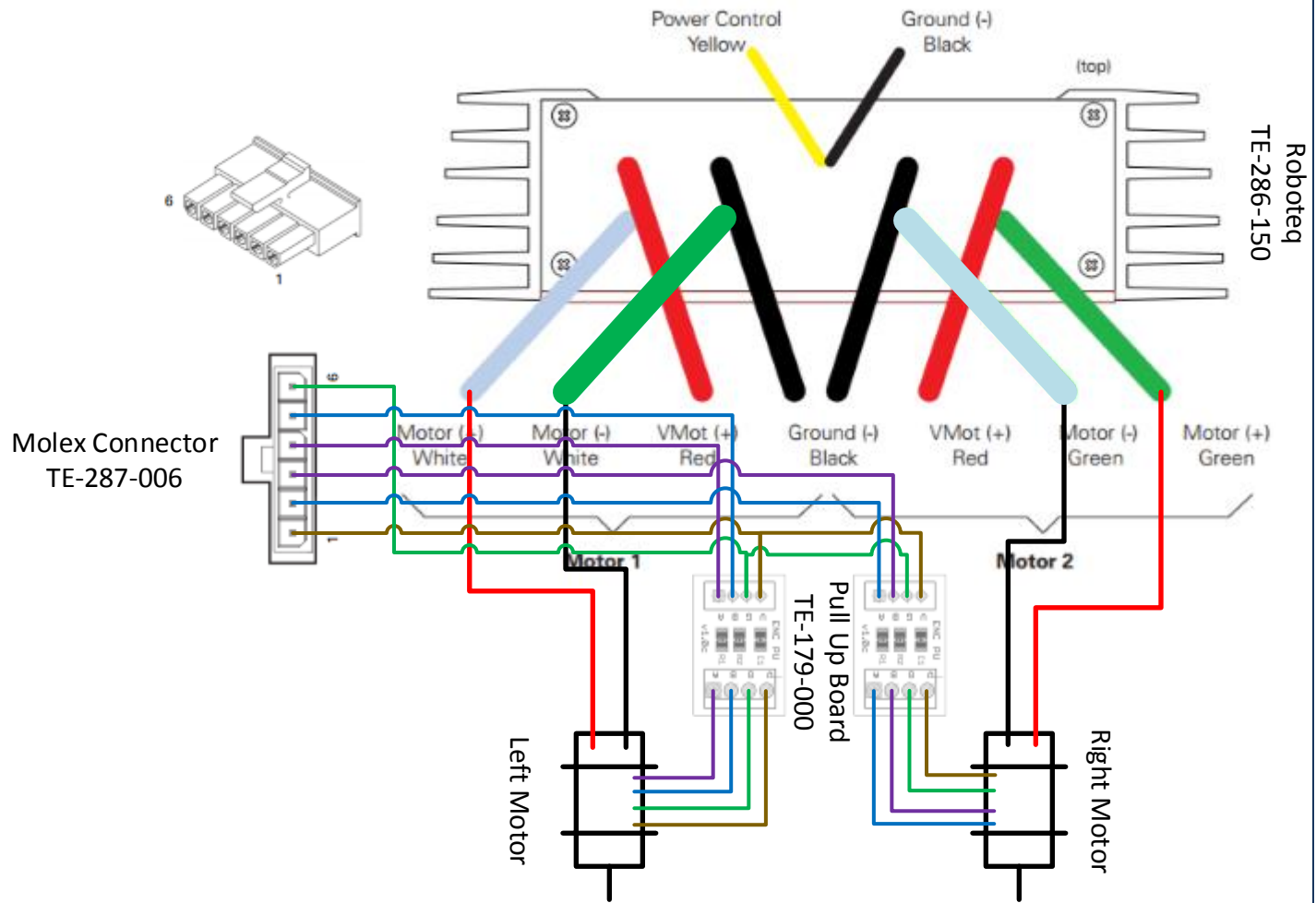


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Wiring RoboteQSDC Motors and encoders

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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.

How to wire encoders to RoboteQ XDC

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



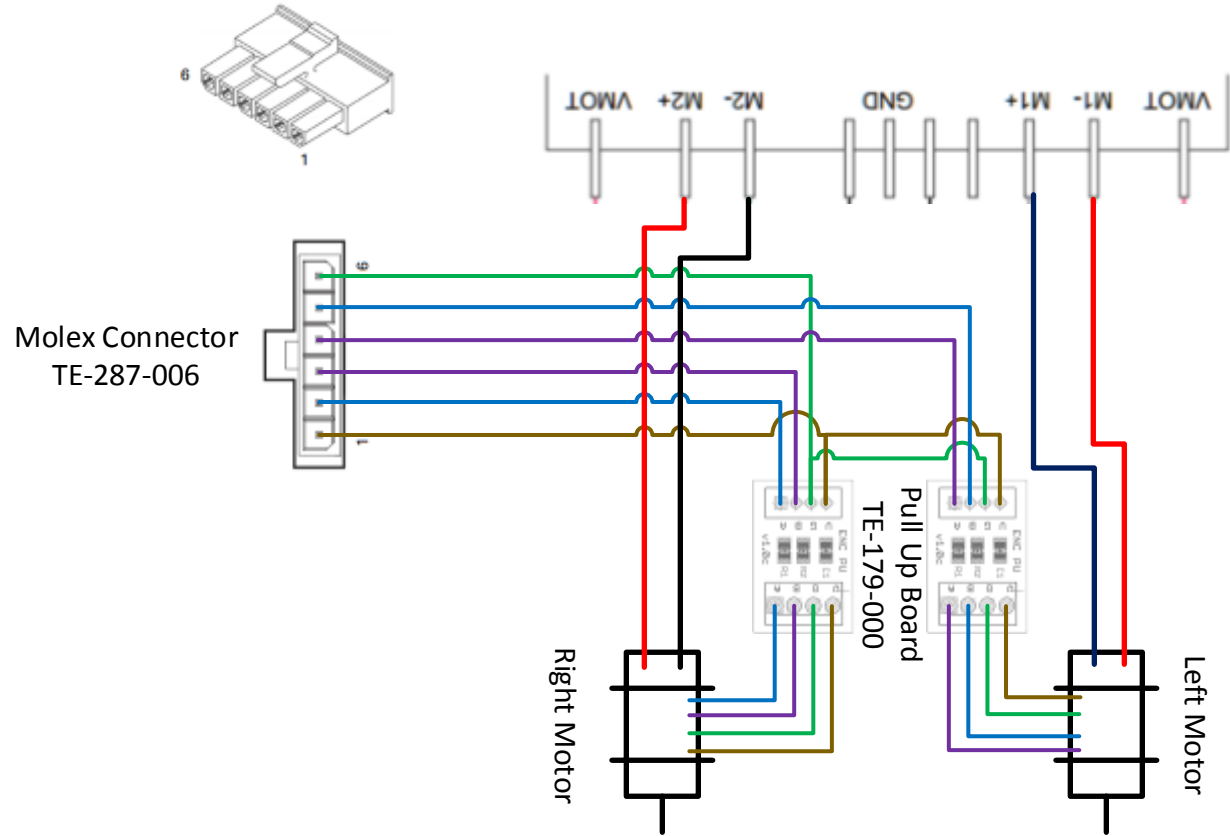
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Wiring RoboteQ XDC Motors and encoders

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Roboteq TE-240-060 or TE-240-030



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

How to wire encoders to RoboteQ MDC

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



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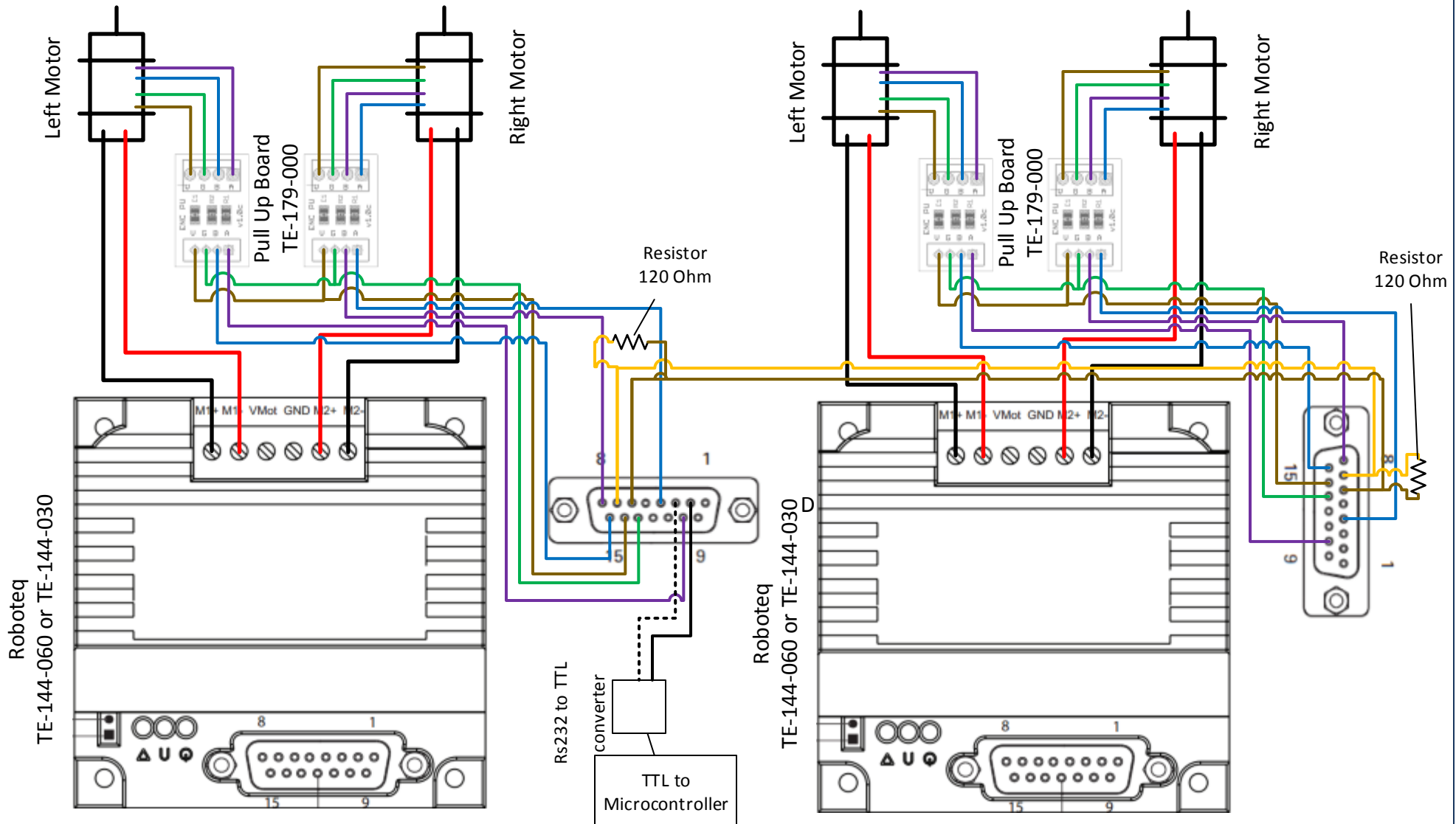
Wiring RoboteQ MDC Motors and encoders

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How to wire encoders to Front RoboteQ SDC

How to wire encoders to Rear RoboteQ SDC



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