Start-Up Kit QCI-SK-D2-IGB Setup Instructions

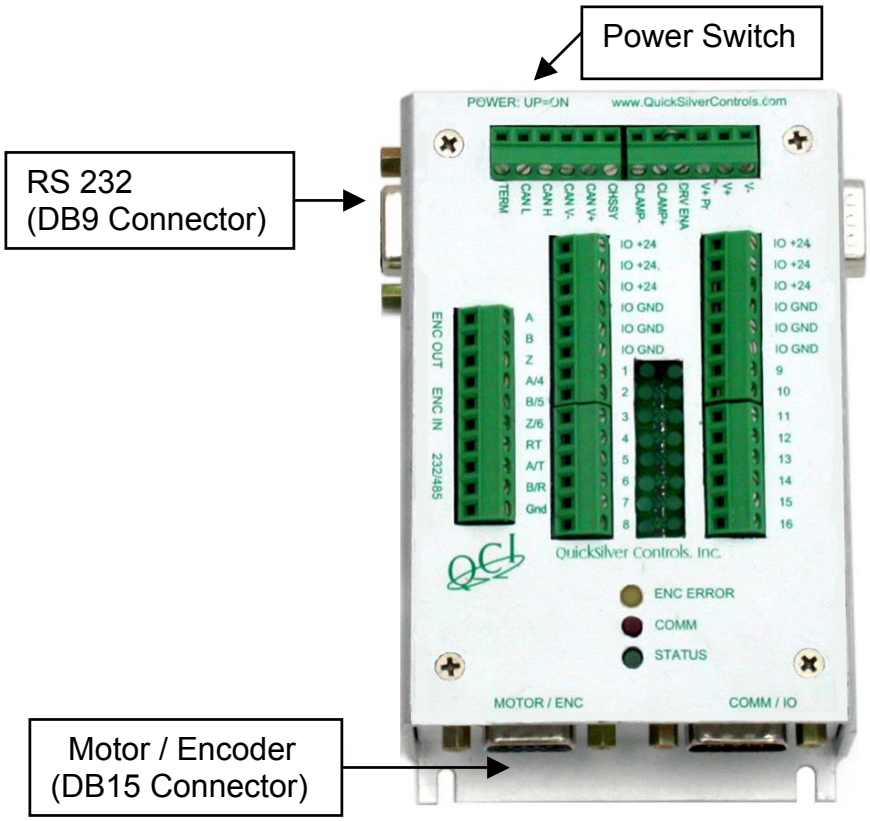
This SilverLode Start-Up Kit provides a simple means to evaluate and prototype a SilverDust D2 (IGB) controller/driver (included). The SilverDust D2 (IGB) provides breakout terminals for the SMI Port (I/Os, communication and power) along with connectors for PC COM Port.

This kit includes:

Note: Motor Not Included

- SilverDust IGB (QCI-D2-IGB) & Datasheet (QCI-DS003)
- QuickControl® Software CD (QCI-QC)
- User Manual & Command Reference (QCI-SLM)
- Communication Cable (QCI-C-D9M9F-6)
- 4' DB15HD Motor I/F Cable (QCI-C-D15P-D15S-4)

I-Grade SilverDust w/Breakout (QCI-D2-IGB)

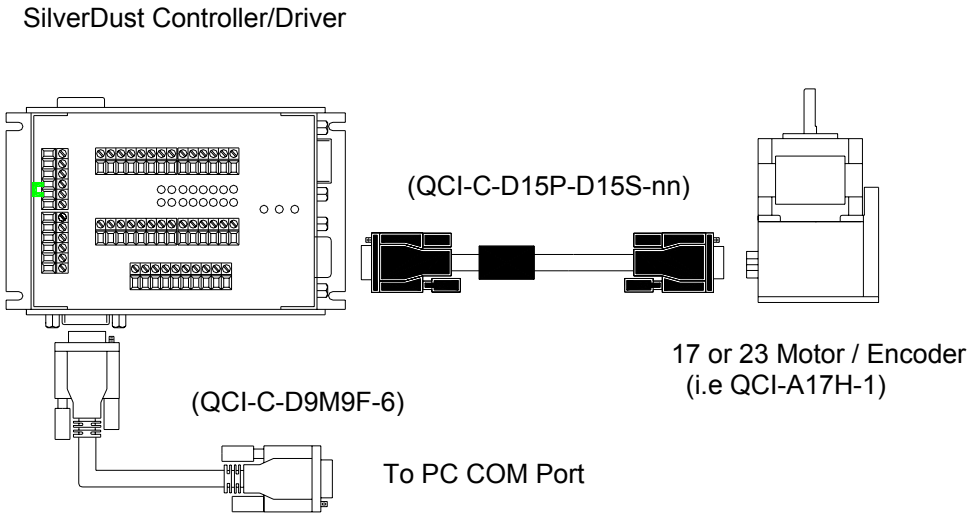


Connections refer to the I-Grade SilverDust D2 (IGB) D2 controller / driver - used with NEMA 17 or 23 frame motors.

Warning: Make sure the power supply is OFF before making any connections.

1. Connecting the SilverDust D2 (IGB) controller/driver to a 17 or 23 frame motor/encoder and PC using the motor interface cable (QCI-C-D15P-D15S-nn) and the Communication Cable (QCI-C-D9M9F-6).

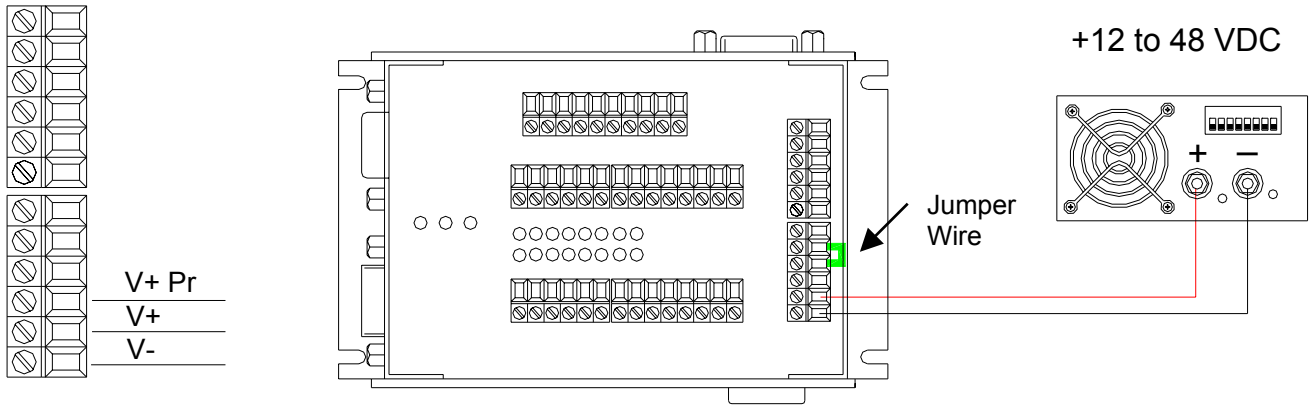
   a. Attach the pin side of the motor interface cable to the SilverDust IGB DB15.
   b. Attach the socket side of the motor interface cable to the motor/encoder DB15.
   c. Attach the pin side of the communication cable to the SilverDust IGB DB9.
   d. Attach the socket side of the communication cable to the PC COM Port.



2. Connecting the power supply.

   *Power supply wires not provided. Jumper wire required (from Clamp+ to Drv/Ena) for driver operation as indicated in diagram below.

   a. On the SilverDust D2 IGB, turn the power switch up (ON).
   b. Wire the positive terminal of the PS to the SilverDust IGB V+ and PS negative to V-. (V+ Pr and V+ are diode ORed)



3. Install QuickControl® and initialize servo (see Getting Started in the User Manual).

Finished Setup