

Start-Up Kit QCI-SKB-D2-IG Setup Instructions

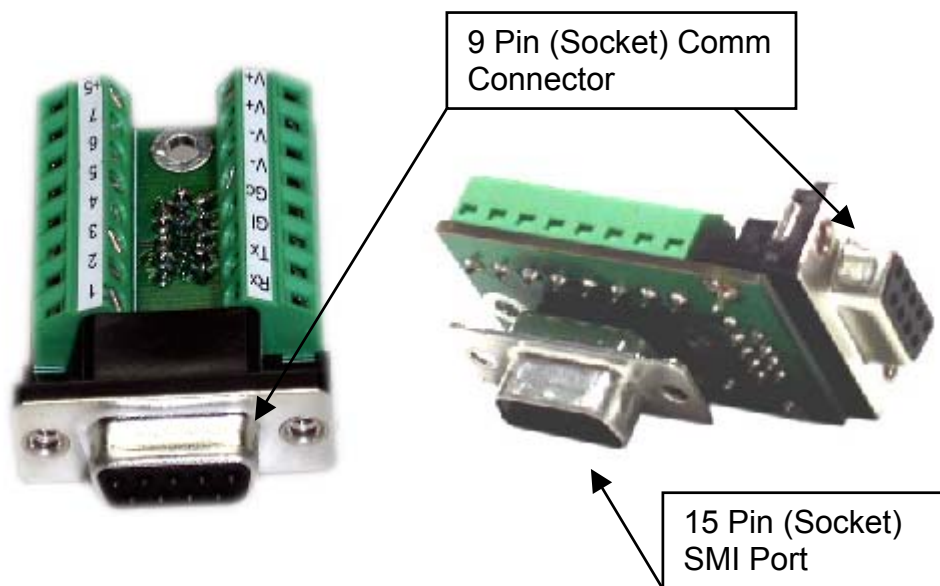
This SilverLode Start-Up Kit provides a simple means to evaluate and prototype with a SilverDust D2 controller/driver (included). The Basic Breakout Module (QCI-BO-B) mounts directly onto the SMI port on the SilverDust, which breakouts out the servo's power, I/O, and communications plus easy connection to a PC serial port.

This kit includes:

- SilverDust (QCI-D2-IG) & Datasheet (QCI-DS003)
- QuickControl Software CD (QCI-QC)
- User Manual & Command Reference (QCI-SLM)
- Basic Breakout Module (QCI-BO-B) & Tech Doc (QCI-TD036)
- Communication Cable (QCI-C-D9M9F-6)
- 4' DB15HD Motor I/F Cable (QCI-C-D15P-D15S-4)
- Start-Up Kit Setup Instructions (QCI-TD040)

Note: Motor Not Included

Basic Breakout Module (QCI-BO-B)

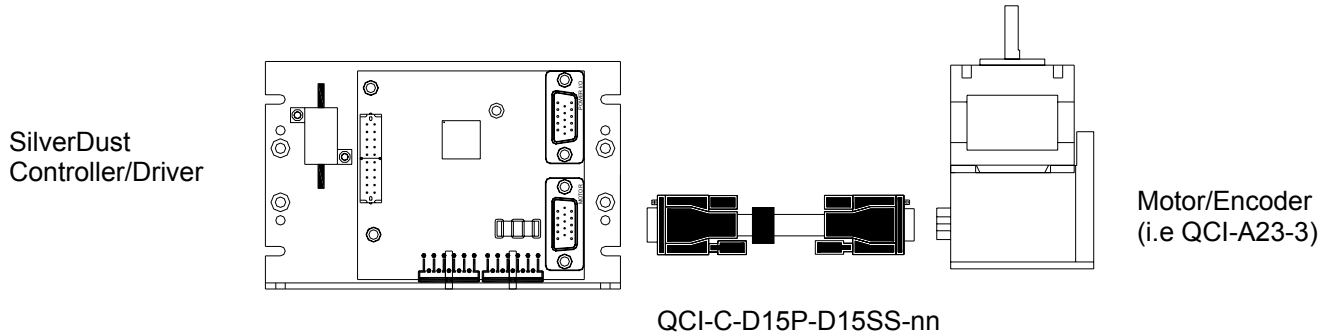


Technical document QCI-TD036 contains details on the Basic Breakout Module specifications.

Connections refer to the I-Grade SilverDust 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 to a 17 or 23 frame motor/encoder using the motor interface cable (QCI-C-D15P-D15S-nn).
 - a. Attach the pin side of the motor interface cable to the SilverDust SMI DB15.
 - b. Attach the other side of the motor interface cable to the motor/encoder DB15.

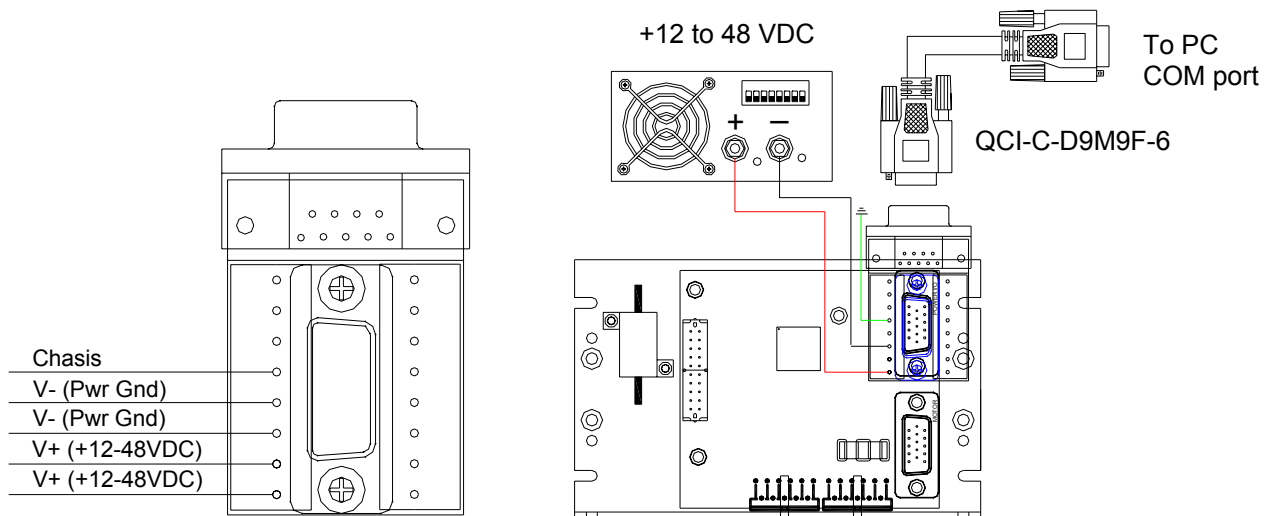


2. Connecting the power supply, Basic Breakout Module, SilverDust and PC COM port using the communication cable (QCI-C-D9M9F-6) for PC connection.

- a. Mount the Basic Breakout onto the SMI port on the SilverDust.
- b. Connect the pin side of the communication cable to the Basic Breakout DB9.
- c. Connect the other end of the communication cable to the PC COM port DB9.

*Power supply wires not provided.

- d. Wire the positive terminal of the PS to the Basic Breakout V+ terminal and the PS negative to V- terminal.
- e. Wire earth ground to the Basic Breakout's Chassis terminal.



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

Finished Setup

