

Start-Up Kit QCI-SK-D2-IG8 Setup Instructions

This SilverLode Start-Up Kit provides a simple means to evaluate and prototype a SilverDust D2 IG8 controller/driver (included). These instructions are for the following Start-UP Kits:

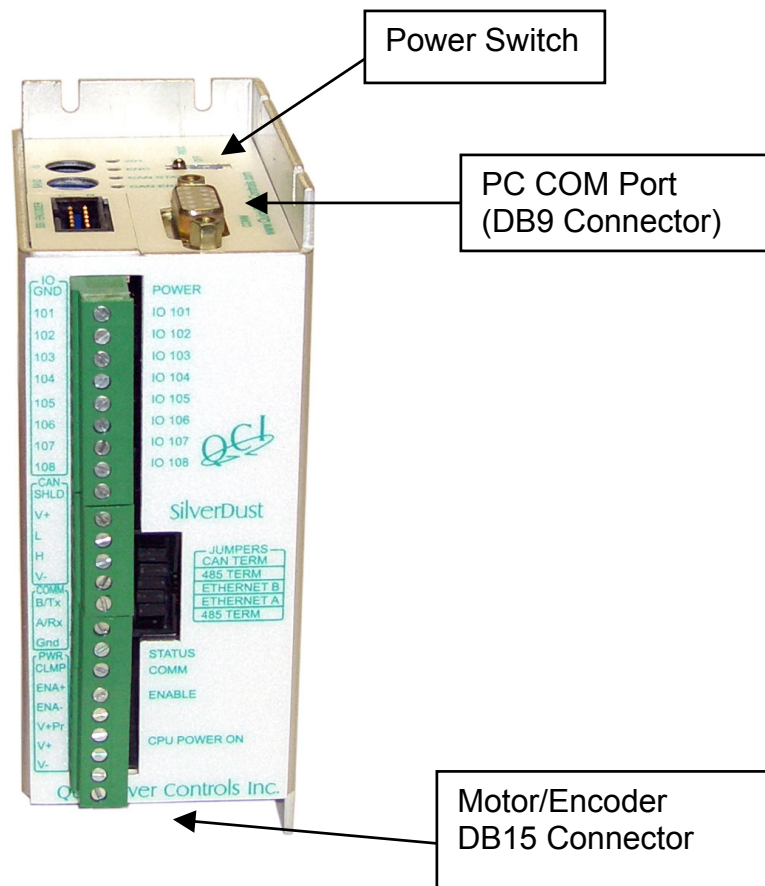
- QCI-SK-D2-IG8
- QCI-SK-D2-IG8-E

This kit includes:

- SilverDust IG8 & Datasheet (QCI-DS0018)
- 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)
- DIN Rail Bracket (QCI-DIN1)

Note: Motor Not Included

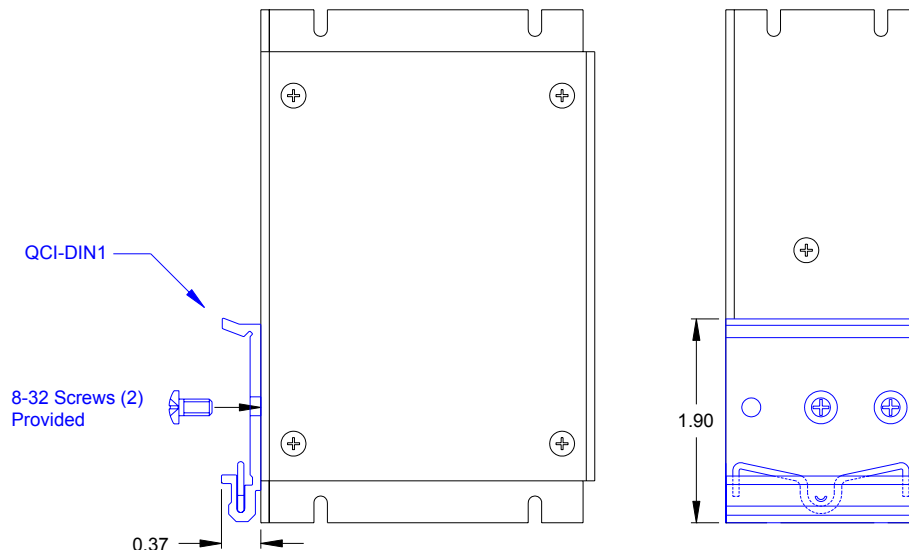
I-Grade SilverDust w/Breakout and CAN (QCI-D2-IG8)



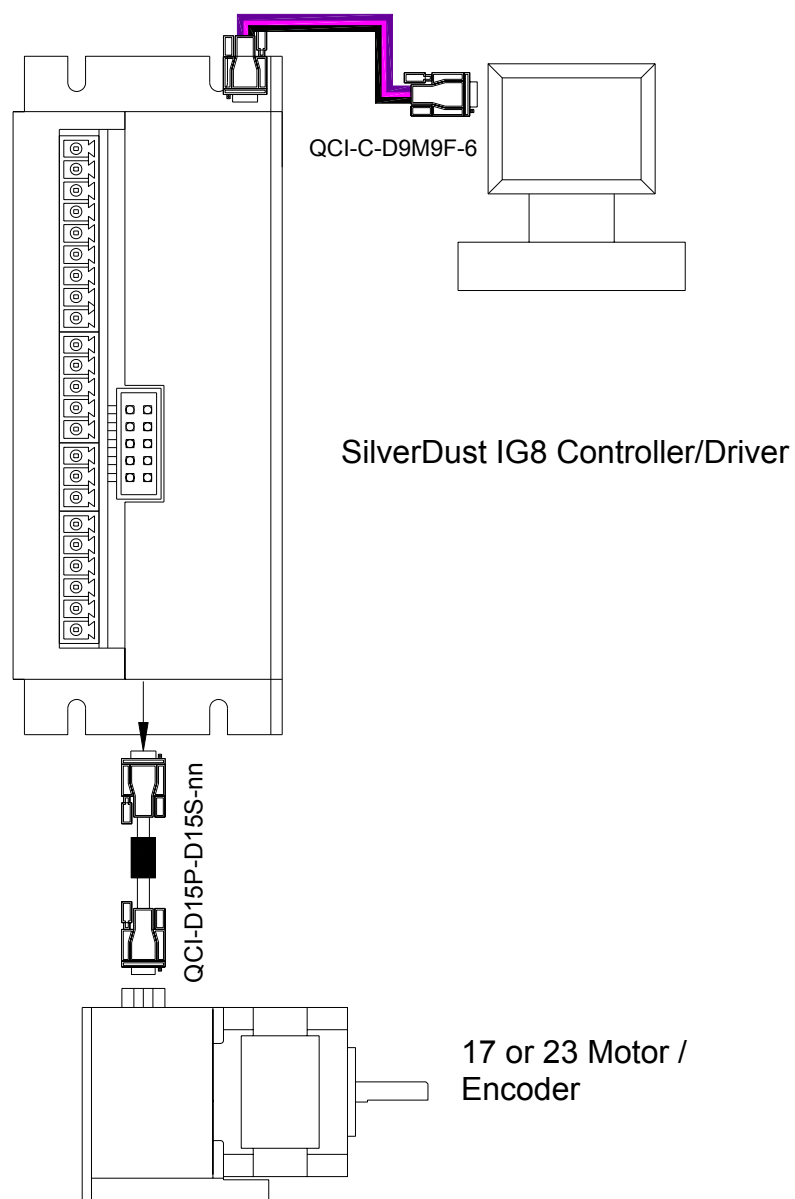
Connections refer to the I-Grade SilverDust D2 IG8 controller / driver - used with NEMA 11, 17 or 23 frame motors.

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

1. Attach the DIN rail bracket to the back panel using the two screws supplied with the bracket.



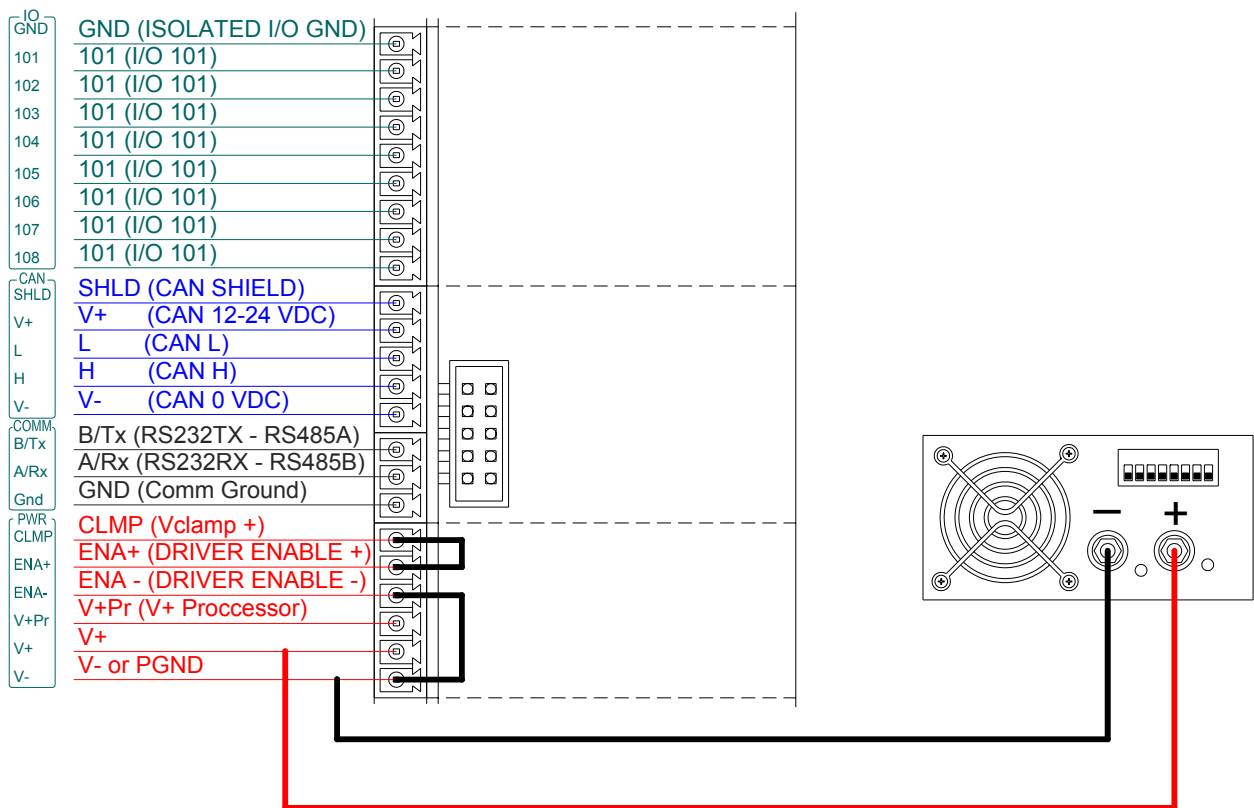
2. Connect the SilverDust D2 IG8 controller/driver to motor/encoder and PC using the motor interface cable (QCI-C-D15P-D15S-4) and the Communication Cable (QCI-C-D9M9F-6).
 - a. Attach the pin side of the motor interface cable to the SilverDust IG8 DB15.
 - b. Attach the socket side of the motor interface cable to the motor/encoder DB15.
 - c. Attach the pin side of the communication cable to the SilverDust IG8 DB9.
 - d. Attach the socket side of the communication cable to the PC COM Port.



3. Connect Power Supply

- On the SilverDust, turn the power switch to the OFF position.
- Wire the positive terminal of the power supply to the SilverDust IG8 V+ and power supply negative to V- (+12 VDC to 48 VDC power Supply).
- Bypass Driver Enable: Jumper the ENA+ to CLMP and ENA to V-. See Datasheet QCI-DS018 for Driver Enable usage.

Front Panel (FP)



4. Communication Jumpers

For a basic stand-alone RS-232 configuration, remove all the communication jumper:

- CAN TERM
- 485 TERM
- ETHERNET B
- ETHERNET A
- 485 TERM

If you are using QCI-D2-IG8-E, CAN or RS-485 see the IG8 datasheet (QCI-DS018) for jumper configuration.

5. Install QuickControl® and initialize servo (see Chapter 1 - Getting Started in the User Manual).

Finished Setup

