3-Phase Breakout Module QCI-BO-3P and QCI-BO-3P3

The QCI-BO-3P and QCI-BO-3P3 breakout modules enable SilverSterling S2 series controllers and SilverSterling S3 series controllers, respectively, to drive 3-phase motors with single-ended encoder and hall effect devices. The breakout board includes a differential amplifier with a X3 gain and can ordered to accept a 0 to +10v or ±10v analog input to scale down to 0 to 3.3v.

SilverSterling S2 controllers require software revision 23-22. SilverSterling S3 controllers require software revision 33-21.
Connector Descriptions

QCI-BO-3PS0081 & QCI-BO-3P3S0081 bring out CAN signals to J3 connector:

- CAN High is brought out to Pin 5 on J3. Labeled as R5 in silkscreen.
- CAN Low is brought out to Pin 6 on J3. Labeled as RG in silkscreen.
- CAN Ground is brought out to Pins 1, 3, and 7. Labeled as G in silkscreen.